

# JASO Engine Oil Standards Implementation Panel

[ Filed Two Cycle Gasoline Engine Oil List ]

1 July 2017

|     | Brand Name   | Submitter Name                                 | Oil Code  | Performance classifications |
|-----|--|--|-----------|-----------------------------|
| 1   | Idemitsu Extreme semi-Synthetic Motorcycle Oil FC 2T | Apollo America Corporation                     | 001AAC001 | FC                          |
| 2   | Idemitsu Select Motorcycle Oil FB 2T                 | Apollo America Corporation                     | 001AAC002 | FB                          |
| 3*  | Vantage Beaver Mini                                  | AUTOBACS SEVEN Co., LTD                        | 081ABS002 | FC                          |
| 4   | AGIP CITY 2T   | Agip Petroil S.p.A.                            | 039AGP002 | FC                          |
| 5   | AGIP TEC 2T  | Agip Petroil S.p.A.                            | 039AGP003 | FC                          |
| 6   | AGIP CITY 2T   | Agip Petroil S.p.A.                            | 039AGP004 | FC                          |
| 7   | AGIP TEC 2T  | Agip Petroil S.p.A.                            | 039AGP005 | FC                          |
| 8   | AGIP SPEED 2T  | Agip Petroil S.p.A.                            | 039AGP006 | FC                          |
| 9   | AGIP CROSS 2T  | Agip Petroil S.p.A.                            | 039AGP007 | FC                          |
| 10  | EvoShield 2-Cycle Engine Oil                         | Amyris, Inc.                                   | 001AMR001 | FD                          |
| 11  | 2T   | Aspac Oil Taiwan Limited                       | 886AOT429 | FC                          |
| 12  | Go 2T  | Aspac Oil Taiwan Limited                       | 886AOT430 | FC                          |
| 13  | Super Pro  | Aspac Oil Taiwan Limited                       | 886AOT431 | FC                          |
| 14  | 2T ENGINE OIL  | Asian Honda Motor Co., Ltd.                    | 066ASH001 | FC                          |
| 15* | FC 2 Cycle Engine Oil                                | AZ Co., LTD.                                   | 081AZC002 | FC                          |
| 16* | FD 2 Cycle Engine Oil                                | AZ Co., LTD.                                   | 081AZC003 | FD                          |
| 17* | PHANTULA IX FC 2 STROKE ENGINE OIL FULL SYN          | AZ Co., LTD.                                   | 081AZC004 | FC                          |
| 18* | PHANTULA IX FD 2 STROKE ENGINE OIL FULL SYN          | AZ Co., LTD.                                   | 081AZC005 | FD                          |
| 19* | 2 CYCLE ENGINE OIL FD FULL SYN                       | AZ Co., LTD.                                   | 081AZC006 | FD                          |
| 20  | Bajaj GDI  | Bajaj Auto Limited                             | 091BAL001 | FC                          |
| 21  | BALMEROL RACE 2T                                     | Balmer Lawrie & Co. Ltd                        | 091BLC002 | FC                          |
| 22  | MONARCH  | Beijing Monarch Super Lubricating Oil Co.,Ltd. | 086BMO801 | FB                          |
| 23* | Tongyi   | Beijing Monarch Super Lubricating Oil Co.,Ltd. | 086BMO802 | FC                          |
| 24  | MAK® 2T  | Bharat Petroleum Corpn. Ltd.                   | 091BPC021 | FC                          |
| 25  | MAK® 2T  | Bharat Petroleum Corpn. Ltd.                   | 091BPC022 | FC                          |
| 26  | MAK® AUTOCHAMP                                       | Bharat Petroleum Corpn. Ltd.                   | 091BPC031 | FC                          |
| 27  | MAK® AUTOCHAMP                                       | Bharat Petroleum Corpn. Ltd.                   | 091BPC032 | FC                          |
| 28  | MAK® AUTOCHAMP                                       | Bharat Petroleum Corpn. Ltd.                   | 091BPC034 | FC                          |
| 29  | MAK 2T   | Bharat Petroleum Corpn. Ltd.                   | 091BPC061 | FC                          |
| 30  | MAK 2T   | Bharat Petroleum Corpn. Ltd.                   | 091BPC121 | FC                          |

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| 31  | MAK® 2T                           | Bharat Petroleum Corpn. Ltd.         | 091BPC131 | FC                          |
| 32  | MAK® 2T                           | Bharat Petroleum Corpn. Ltd.         | 091BPC141 | FC                          |
| 33  | MAK® 2T                           | Bharat Petroleum Corpn. Ltd.         | 091BPC151 | FC                          |
| 34  | MAK®2T                            | Bharat Petroleum Corporation Limited | 091BPC171 | FC                          |
| 35  | AUTO CHAMP-FB                     | Bharat Petroleum Corpn. Ltd.         | 091BPC971 | FB                          |
| 36  | Bp Vistra 100                     | BP Taiwan Marketing Limited          | 886BPT501 | FC                          |
| 37  | Bp Vistra 300                     | BP Taiwan Marketing Limited          | 886BPT502 | FC                          |
| 38* | Rapidus 2T Super XS               | Bahrain Petroleum Company            | 973BPX310 | FD                          |
| 39* | Rapidus 2T Super X                | Bahrain Petroleum Company            | 973BPX320 | FC                          |
| 40* | Rapidus 2T Super                  | Bahrain Petroleum Company            | 973BPX330 | FB                          |
| 41  | BARDAHL MOTOS 2 TIEMPOS           | Bardahl de Mexico, S.A. de C.V.      | 052BSB001 | FB                          |
| 42* | FC-50                             | YAMADA MACHINERY INDUSTRIAL Co.LTD.  | 081BVR001 | FC                          |
| 43  | Castrol GO!2T Extended Protection | Castrol Limited                      | 044CAS120 | FB                          |
| 44  | Castrol Go!2T Extended Protection | Castrol Limited                      | 044CAS122 | FB                          |
| 45  | Castrol Super TT                  | Castrol Limited                      | 044CAS123 | FB                          |
| 46  | Castrol GO! 2T Easy Start         | Castrol Limited                      | 044CAS124 | FB                          |
| 47  | Castrol GO! 2T Easy Start         | Castrol Limited                      | 044CAS125 | FB                          |
| 48  | Castrol Go 2T Extended Protection | Castrol Limited                      | 044CAS129 | FB                          |
| 49  | Castrol Activ 2T Power Protection | Castrol Limited                      | 044CAS225 | FC                          |
| 50  | Castrol 2T Low Smoke              | Castrol Limited                      | 066CAS227 | FC                          |
| 51  | Castrol Go! 2T                    | Castrol Limited                      | 066CAS228 | FC                          |
| 52  | Castrol Power 1 2T                | Castrol Limited                      | 044CAS252 | FC                          |
| 53  | Castrol Power 1 2T                | Castrol Limited                      | 044CAS253 | FC                          |
| 54  | CastrolTTS                        | Castrol Limited                      | 044CAS303 | FC                          |
| 55  | Castrol TTS                       | Castrol Limited                      | 044CAS304 | FC                          |
| 56  | Castrol TTS                       | Castrol Limited                      | 044CAS305 | FC                          |
| 57  | Castrol TTS                       | Castrol Limited                      | 044CAS306 | FC                          |
| 58  | Castrol TTS                       | Castrol Limited                      | 044CAS307 | FC                          |
| 59  | Castrol TTS Extreme Protection    | Castrol Limited                      | 044CAS308 | FC                          |
| 60  | Castrol TTS Extreme Protection    | Castrol Limited                      | 044CAS310 | FC                          |

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|-----|--|---------------------------------|-----------|-----------------------------|
| 61  | Castrol R2 Racing Bike                         | Castrol Limited                 | 044CAS311 | FC                          |
| 62  | Castrol TTS Extreme Protection                 | Castrol Limited                 | 044CAS312 | FC                          |
| 63  | Castrol TTS Extreme Protection                 | Castrol Limited                 | 044CAS314 | FC                          |
| 64  | Castrol R2 Racingbike                          | Castrol Limited                 | 044CAS316 | FC                          |
| 65  | Castrol TTS Extreme Protection                 | Castrol Limited                 | 001CAS416 | FC                          |
| 66  | Castrol Activ 2T FB                            | Castrol Limited                 | 044CAS419 | FB                          |
| 67  | Castrol Scootek 2T                             | Castrol Limited                 | 044CAS421 | FC                          |
| 68  | Castrol Power 1 TTS Racing                     | Castrol Limited                 | 044CAS500 | FD                          |
| 69  | Castrol Power 1                                | Castrol Limited                 | 044CAS501 | FD                          |
| 70  | Castrol Activ                                  | Castrol Limited                 | 044CAS502 | FC                          |
| 71  | Castrol Ride! 2T                               | Castrol Limited                 | 044CAS503 | FC                          |
| 72  | CASTROL POWER 1                                | Castrol Limited                 | 044CAS504 | FD                          |
| 73  | CASTROL ACTIV                                  | Castrol Limited                 | 044CAS505 | FC                          |
| 74  | Ride 2T  | Castrol Limited                 | 044CAS507 | FC                          |
| 75  | Activ 2T                                       | Castrol Limited                 | 044CAS508 | FC                          |
| 76  | Castrol 2T                                     | Castrol Limited                 | 044CAS509 | FC                          |
| 77  | Castrol Power 1 Racing 2T                      | Castrol Limited                 | 044CAS510 | FD                          |
| 78  | Activ 2T                                       | Castrol Limited                 | 044CAS511 | FC                          |
| 79  | Go 2T  | Castrol Limited                 | 044CAS512 | FC                          |
| 80* | CAINZ MOTOR OIL 2CYCLE FC                      | CAINZ                           | 081CAZ201 | FC                          |
| 81  | Champion Power Equipment Oil                   | Champion Brands, LLC            | 001CBO001 | FD                          |
| 82  | XTAR MOTO 2T SUPER XTREME                      | CEPSA COMERCIAL PETRÓLEO S.A.U. | 034CCP001 | FD                          |
| 83  | CEPSA MOTO 2T RACING                           | CEPSA COMERCIAL PETRÓLEO S.A.U. | 034CCP002 | FD                          |
| 84  | CEPSA MOTO 2T URBAN PRO                        | CEPSA COMERCIAL PETRÓLEO S.A.U. | 034CCP003 | FC                          |
| 85  | CEPSA 2T COMPETICION                           | CEPSA Lubricantes, S.A.         | 034CEP002 | FC                          |
| 86  | CEPSA 2T ECO TECH DFI                          | CEPSA Lubricantes, S.A.         | 034CEP003 | FC                          |
| 87  | CITGO SUPERGARD AIR COOLED 2-CYCLE ENGINE OIL  | CITGO Petroleum Corporation     | 001CGO525 | FC                          |
| 88  | CITGO SUPERGARD SEA AND SNOW TM 2-CYCLE ENGINE | CITGO Petroleum Corporation     | 001CGO535 | FC                          |
| 89  | CITGO SUPERGARD® AIR COOLED 2-CYCLE ENGINE OIL | CITGO Petroleum Corporation     | 001CGO545 | FD                          |
| 90  | CITGO Supergard Sea and Snow 2-Cycle           | CITGO Petroleum Corporation     | 001CGO555 | FD                          |

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| 91*  | Super 2CYCLE OIL(It is for the YAMAHA Motor Cycle.) | CHUGOKU KOGYO CO.,LTD.                        | 081CHU011 | FC                          |
| 92*  | Super 2CYCLE OIL(It is for the HONDA Motor Cycle.)  | CHUGOKU KOGYO CO.,LTD.                        | 081CHU012 | FC                          |
| 93*  | Super 2CYCLE OIL(It is for the SUZUKI Motor Cycle.) | CHUGOKU KOGYO CO.,LTD.                        | 081CHU013 | FC                          |
| 94*  | CLEAN 2T  | CHUGOKU KOGYO CO.,LTD.                        | 081CHU020 | FC                          |
| 95*  | Hi-CLEAN 2T   | CHUGOKU KOGYO CO.,LTD.                        | 081CHU401 | FD                          |
| 96   | NEW IMPROVED CASTROL SUPER TT                       | CASTROL INDIA LIMITED                         | 091CIL141 | FC                          |
| 97   | CASTROL JETT-X                                      | CASTROL INDIA LIMITED                         | 091CIL142 | FC                          |
| 98   | Revtex Fully Synthetic 2T                           | Caltex International Pte Ltd                  | 065CIP601 | FC                          |
| 99   | Lanka 2T Oil  | Caltex International Technical Center Pty Ltd | 061CIT541 | FB                          |
| 100  | Revtex 250 2T                                       | Caltex International Technical Center Pty Ltd | 061CIT546 | FB                          |
| 101  | Revtex Plus 2T                                      | Caltex International Technical Center Pty Ltd | 061CIT549 | FB                          |
| 102  | Revtex Plus 2T                                      | Caltex International Technical Center Pty Ltd | 061CIT550 | FB                          |
| 103  | Revtex 250 2T                                       | Caltex International Technical Center Pty Ltd | 061CIT552 | FB                          |
| 104  | Revtex 250 2T                                       | Caltex International Technical Center Pty Ltd | 061CIT553 | FB                          |
| 105  | Revtex Plus 2T                                      | Caltex International Technical Center Pty Ltd | 061CIT555 | FB                          |
| 106  | Revtex Plus 2T                                      | Caltex International Technical Center Pty Ltd | 061CIT556 | FB                          |
| 107  | Revtex Super 2T                                     | Caltex International Technical Center Pty Ltd | 061CIT616 | FC                          |
| 108  | Revtex Super 2T                                     | Caltex International Technical Center Pty Ltd | 061CIT625 | FC                          |
| 109  | Revtex Super 2T                                     | Caltex International Technical Center Pty Ltd | 061CIT632 | FC                          |
| 110  | Revtex Super 2T                                     | Caltex International Technical Center Pty Ltd | 061CIT633 | FC                          |
| 111* | PELICO 2CYCLE FC                                    | CHUKYOKASEIKOGYO CO.,LTD.                     | 081CKC526 | FC                          |
| 112* | PELICO 2CYCLE FD                                    | CHUKYOKASEIKOGYO CO.,LTD.                     | 081CKC540 | FD                          |
| 113* | Castrol Ride 2T                                     | Castrol K.K.                                  | 081CKK014 | FC                          |
| 114* | Castrol TTS Formula                                 | Castrol K.K.                                  | 081CKK810 | FC                          |
| 115* | Castrol 2TS   | Castrol K.K.                                  | 081CKK913 | FC                          |
| 116* | COSMO 2CYCLE OIL                                    | COSMO OIL LUBRICANTS CO., LTD.                | 081CLC001 | FC                          |
| 117* | COSMO LIO 2CYCLE                                    | COSMO OIL LUBRICANTS CO., LTD.                | 081CLC002 | FC                          |
| 118* | COSMO 2CYCLE OIL                                    | COSMO OIL LUBRICANTS CO., LTD.                | 081CLC003 | FC                          |
| 119* | COSMO LIO 2CYCLE                                    | COSMO OIL LUBRICANTS CO., LTD.                | 081CLC004 | FC                          |
| 120  | CONOCO SUPER SPORT ULTRA 2T                         | CONOCOPHILLIPS INTERNATIONAL INC.             | 065COP022 | FC                          |

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|------|-------------------------------------|--|-----------|-----------------------------|
| 121  | CPC Low Smoke Two Stroke Engine Oil | CPC Corporation, Taiwan                        | 886CPC003 | FD                          |
| 122  | Revtex Plus 2T                      | Caltex Services Pte Ltd                        | 065CSL518 | FB                          |
| 123  | Revtex Plus 2T                      | Caltex Services Pte Ltd                        | 065CSL531 | FB                          |
| 124  | Revtex Super 2T                     | Caltex Services Pte Ltd                        | 065CSL613 | FC                          |
| 125  | Revtex Super 2T                     | Caltex Services Pte Ltd                        | 065CSL614 | FC                          |
| 126  | Revtex Super 2T                     | Caltex Services Pte Ltd                        | 065CSL631 | FC                          |
| 127  | Caltex Revtex Plus 2T               | Chevron International Technical Center Pty Ltd | 061CTC401 | FB                          |
| 128  | Lanka 2T Oil                        | Chevron International Technical Center Pty Ltd | 061CTC451 | FB                          |
| 129  | Lanka 2T Oil                        | Chevron International Technical Center Pty Ltd | 061CTC461 | FB                          |
| 130  | Caltex Revtex Plus 2T               | Chevron International Technical Center Pty Ltd | 061CTC549 | FB                          |
| 131  | Caltex Revtex Plus 2T               | Chevron International Technical Center Pty Ltd | 061CTC555 | FB                          |
| 132  | Caltex Revtex Plus 2T               | Chevron International Technical Center Pty Ltd | 061CTC557 | FB                          |
| 133  | Caltex Havoline Plus 2T             | Chevron International Technical Center Pty Ltd | 061CTC565 | FB                          |
| 134  | Caltex Havoline Plus 2T             | Chevron International Technical Center Pty Ltd | 061CTC567 | FB                          |
| 135  | Caltex Revtex Super 2T              | Chevron International Technical Center Pty Ltd | 061CTC613 | FC                          |
| 136  | Caltex Revtex Super 2T              | Chevron International Technical Center Pty Ltd | 061CTC614 | FC                          |
| 137  | Caltex Revtex Super 2T              | Chevron International Technical Center Pty Ltd | 061CTC632 | FC                          |
| 138  | Caltex Revtex Power 2T              | Chevron International Technical Center Pty Ltd | 061CTC651 | FC                          |
| 139  | Caltex Revtex Power 2T              | Chevron International Technical Center Pty Ltd | 061CTC653 | FC                          |
| 140  | Caltex Havoline Power 2T            | Chevron International Technical Center Pty Ltd | 061CTC663 | FC                          |
| 141  | Chevron Havoline® Super 2T          | Chevron International Technical Center Pty Ltd | 061CTC681 | FC                          |
| 142  | Chevron Havoline® Super 2T          | Chevron International Technical Center Pty Ltd | 061CTC682 | FC                          |
| 143  | Caltex Havoline Super 2T            | Chevron International Technical Center Pty Ltd | 061CTC683 | FC                          |
| 144  | Caltex Havoline Super 2T            | Chevron International Technical Center Pty Ltd | 061CTC684 | FC                          |
| 145  | Caltex Havoline Super 2T            | Chevron International Technical Center Pty Ltd | 061CTC685 | FC                          |
| 146  | Chevron Havoline Super 2T           | Chevron International Technical Center Pty Ltd | 061CTC691 | FC                          |
| 147* | Dynaoil 2Cycle FB                   | Dynaoil Corporation LLC                        | 081DYN002 | FB                          |
| 148  | VIALUBE                             | EDUARDONO                                      | 057EDU087 | FC                          |
| 149  | ELF MOTO 2 DX RATIO                 | ELF LUBRIFIANTS                                | 033ELF022 | FB                          |
| 150  | ELF SCOOTER 2 CITY JUMPER           | ELF LUBRIFIANTS                                | 033ELF023 | FB                          |

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|------|--|------------------------------|-----------|-----------------------------|
| 151  | ELF MOTO 2 HP ECO                              | ELF LUBRIFIANTS              | 033ELF034 | FC                          |
| 152  | ELF SCOOTER 2 ARC EN CIEL                      | ELF LUBRIFIANTS              | 033ELF035 | FC                          |
| 153  | ELF SCOOTER 2 RAINBOW                          | ELF LUBRIFIANTS              | 033ELF036 | FC                          |
| 154  | ELF MOTO 2 XT TECH                             | ELF LUBRIFIANTS              | 033ELF040 | FC                          |
| 155  | ELF SCOOTER 2 FORTISSIMO                       | ELF LUBRIFIANTS              | 033ELF041 | FC                          |
| 156  | ELF 2T SPORT                                   | ELF LUBRIFIANTS              | 033ELF100 | FC                          |
| 157  | ELF MOTO 2 WINNER                              | ELF LUBRIFIANTS              | 033ELF110 | FC                          |
| 158  | ELF MOTO XT 2 MISTRAL                          | ELF LUBRIFIANTS              | 033ELF256 | FC                          |
| 159  | ELF MOTO 2 SPORT SPG                           | ELF LUBRIFIANTS              | 033ELF340 | FC                          |
| 160  | ELF MOTO 2                                     | ELF LUBRIFIANTS              | 033ELF358 | FB                          |
| 161  | Elf Moto 2 Champ                               | ELF LUBRIFIANTS              | 033ELF361 | FC                          |
| 162  | ELF MOTO 2 SPORT SP                            | ELF LUBRIFIANTS              | 033ELF365 | FC                          |
| 163  | ELF MOTO 2 SPORT LS                            | ELF LUBRIFIANTS              | 033ELF368 | FC                          |
| 164  | ELF MOTO 2 CHAMP                               | ELF LUBRIFIANTS              | 033ELF418 | FC                          |
| 165  | ELF MOTO 2 WINNER                              | ELF LUBRIFIANTS              | 065ELF766 | FC                          |
| 166  | ELF MOTO 2 SPORT SP                            | ELF LUBRIFIANTS              | 065ELF767 | FC                          |
| 167  | ELF MOTO 2 SPORT                               | ELF LUBRIFIANTS              | 065ELF768 | FC                          |
| 168* | TECHNO POWER 2CYCLE                            | Empire Motor Co.,Ltd.        | 081EMC015 | FC                          |
| 169* | Mobil Extra 2T                                 | EMG Marketing Godo Kaisha    | 081EMG001 | FC                          |
| 170* | Mobil Extra 2T                                 | EMG Marketing Godo Kaisha    | 081EMG002 | FD                          |
| 171* | Mobil Extra 2T                                 | EMG Lubricants Godo Kaisha   | 081EMG003 | FD                          |
| 172  | Echo E.P.A. Environmental Performance Additive | Echo.Incorporated            | 001EPA645 | FC                          |
| 173  | Power Blend Universal 2-Stroke                 | Echo.Incorporated            | 001EPA747 | FD                          |
| 174  | ECHO 50:1 Premium Two-Cycle Oil                | Echo.Incorporated            | 001EPA748 | FD                          |
| 175  | ECHO/Shindaiwa Red Armor Two-Cycle Oil         | Echo.Incorporated            | 001EPA798 | FD                          |
| 176* | Massimo Super 2CYCLE                           | FUJI KOSAN Co., LTD          | 081FKK002 | FC                          |
| 177* | SUPER SPORT 2                                  | FUJI KOSAN Co., LTD          | 081FKK402 | FC                          |
| 178* | SAE 2T Synthetic Engine Oil                    | General Motors Japan Ltd,    | 081GMJ215 | FC                          |
| 179  | GULF POWER TRAC 2T                             | Gulf Oil Corporation Limited | 091GOC452 | FC                          |
| 180  | GULF POWER TRAC 2T                             | Gulf Oil International       | 001GOI201 | FC                          |

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|------|--|--|-----------|-----------------------------|
| 181  | Gulf Pride 2T Plus                         | Gulf Oil International                             | 001GOI202 | FD                          |
| 182  | Great Wall                                 | GREAT WALL LUBRICATING OIL GROUP COMPANY, SINOPEC. | 086GWB005 | FC                          |
| 183  | Great Wall                                 | GREAT WALL LUBRICATING OIL GROUP COMPANY, SINOPEC. | 086GWB006 | FB                          |
| 184  | Great Wall                                 | GREAT WALL LUBRICATING OIL GROUP COMPANY, SINOPEC. | 086GWB007 | FB                          |
| 185* | FC 2 STROKE MOTOR OIL                      | GARAGE ZERO CO., LTD.                              | 081GZR001 | FC                          |
| 186* | FD 2 STROKE MOTOR OIL                      | GARAGE ZERO CO., LTD.                              | 081GZR002 | FD                          |
| 187* | FC 2 STROKE MOTOR OIL FULLY SYNTHETIC      | GARAGE ZERO CO., LTD.                              | 081GZR003 | FC                          |
| 188* | FD 2 STROKE MOTOR OIL FULLY SYNTHETIC      | GARAGE ZERO CO., LTD.                              | 081GZR004 | FD                          |
| 189  | TurfGro Two-Cycle Engine Oil               | Horizon Distributors, Inc.                         | 001HDI001 | FD                          |
| 190  | HIACE                                      | HIACE ENGINE CO., LTD.                             | 886HEC005 | FD                          |
| 191* | F-DASH FC                                  | HIROFUMI SERVICE                                   | 081HFS117 | FC                          |
| 192* | KZ Formula2                                | HIROSHIMA KOJUN CO.,LTD.                           | 081HKC410 | FC                          |
| 193* | Hokuren Agri Pro 2cycle 25                 | Hokuren Federation of Agricultural Cooperative     | 081HKR205 | FC                          |
| 194* | 2CYCLE OIL ISEKI 2CYCLE OIL 50 (SMOKELESS) | HOKUTO CO.LTD.                                     | 081HKT007 | FC                          |
| 195  | Hitachi Premium Two Stroke Engine Oil      | Hitachi Koki U.S.A., Ltd.                          | 001HKU001 | FD                          |
| 196  | Tanaka Perfect Mix                         | Hitachi Koki U.S.A., Ltd.                          | 001HKU002 | FD                          |
| 197  | Hitachi Premium Two Stroke Engine Oil      | Hitachi Koki U.S.A., Ltd.                          | 001HKU003 | FD                          |
| 198  | Perfect Mix 2-Stroke                       | Hitachi Koki U.S.A., Ltd.                          | 001HKU004 | FD                          |
| 199* | HONDA ULTRA 2T SUPER                       | Honda Motor Co., Ltd.                              | 066HMC001 | FC                          |
| 200* | HONDA ULTRA 2SUPER                         | Honda Motor Co., Ltd.                              | 081HMC002 | FC                          |
| 201* | HONDA ULTRA 2SUPER                         | Honda Motor Co., Ltd.                              | 081HMC003 | FC                          |
| 202* | HONDA ULTRA 2SUPER                         | Honda Motor Co., Ltd.                              | 081HMC004 | FC                          |
| 203* | HONDA ULTRA 2SUPER                         | Honda Motor Co., Ltd.                              | 081HMC005 | FC                          |
| 204* | HONDA ULTRA 2SUPER                         | Honda Motor Co., Ltd.                              | 081HMC006 | FC                          |
| 205* | HONDA ULTRA 2SUPER                         | Honda Motor Co., Ltd.                              | 081HMC007 | FC                          |
| 206* | HONDA ULTRA 2SUPER                         | Honda Motor Co., Ltd.                              | 081HMC008 | FC                          |
| 207* | HONDA ULTRA GR2                            | Honda Motor Co., Ltd.                              | 081HMC009 | FC                          |
| 208* | HONDA ULTRA GR2                            | Honda Motor Co., Ltd.                              | 081HMC010 | FC                          |
| 209* | HONDA ULTRA 2 SUPER EXTRA                  | Honda Motor Co., Ltd.                              | 081HMC011 | FC                          |
| 210* | 2-STROKE ENGINE OIL                        | Honda Motor Co., Ltd.                              | 081HMC012 | FC                          |

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| 211* | HONDA ULTRA 2T SUPER         | Honda Motor Co., Ltd.                | 066HMC013 | FC                          |
| 212* | HONDA ULTRA SUPER FINE       | Honda Motor Co., Ltd.                | 081HMC014 | FC                          |
| 213* | HONDA ULTRA SUPER FINE       | Honda Motor Co., Ltd.                | 081HMC015 | FC                          |
| 214* | HONDA ULTRA SUPER FINE       | Honda Motor Co., Ltd.                | 081HMC016 | FC                          |
| 215* | HONDA ULTRA SUPER FINE       | Honda Motor Co., Ltd.                | 081HMC017 | FC                          |
| 216* | ULTRA GR2                    | Honda Motor Co., Ltd.                | 081HMC018 | FC                          |
| 217* | Formula Sp                   | Honda Motor Co., Ltd.                | 066HMC021 | FC                          |
| 218* | Formula Sp                   | Honda Motor Co., Ltd.                | 066HMC022 | FC                          |
| 219* | ULTRA 2 SUPER                | Honda Motor Co., Ltd.                | 081HMC034 | FC                          |
| 220* | ULTRA SUPER FINE             | Honda Motor Co., Ltd.                | 081HMC035 | FC                          |
| 221* | ULTRA 2-T SUPER              | Honda Motor Co., Ltd.                | 066HMC036 | FC                          |
| 222  | HP RACER 2 LOW SMOKE         | Hindustan Petroleum Corporation Ltd. | 091HPC003 | FC                          |
| 223  | HP RACER 2 LOW SMOKE         | Hindustan Petroleum Corporation Ltd. | 091HPC004 | FC                          |
| 224  | HP RACER 2 LOW SMOKE         | Hindustan Petroleum Corporation Ltd. | 091HPC005 | FC                          |
| 225  | Husqvarna Low Smoke          | Husqvarna Forest & Garden Co.        | 001HVA001 | FD                          |
| 226* | ZENOAH Genuine 2 Cycle OIL   | Husqvarna Zenoah Co., Ltd.           | 081HZC001 | FC                          |
| 227* | DASH 2T                      | iiizukabuhin Co., Ltd.               | 0811BH001 | FD                          |
| 228  | IBP LS-2T                    | IBP CO. LIMITED                      | 091IBP001 | FC                          |
| 229  | IBP LS-2T                    | IBP CO. LIMITED                      | 091IBP002 | FC                          |
| 230  | IBP LS-2T                    | IBP CO. LIMITED                      | 091IBP003 | FC                          |
| 231  | IBP LS-2T                    | IBP CO. LIMITED                      | 091IBP004 | FC                          |
| 232  | IBP LS 2T                    | IBP CO. LIMITED                      | 091IBP005 | FC                          |
| 233  | PROPULS CLASSIC              | IGOL FRANCE S.A.S.                   | 033IGL004 | FC                          |
| 234  | PROPULS SCOOTER              | IGOL FRANCE S.A.S.                   | 033IGL005 | FC                          |
| 235  | PROPULS SCOOTER 2T           | IGOL FRANCE S.A.S.                   | 033IGL006 | FC                          |
| 236* | IDEMITSU ZEPRO 2CYCLE SPORTS | IDEMITSU KOSAN CO., LTD.             | 081IKC003 | FC                          |
| 237* | IDEMITSU ZEPRO 2CYCLE        | IDEMITSU KOSAN CO., LTD.             | 081IKC004 | FC                          |
| 238* | IDEMITSU ZEPRO 2CYCLE        | IDEMITSU KOSAN CO., LTD.             | 081IKC005 | FC                          |
| 239* | IDEMITSU ZEPRO 2CYCLE SPORTS | IDEMITSU KOSAN CO., LTD.             | 081IKC006 | FC                          |
| 240* | IDEMITSU ZEPRO 2 CYCLE       | IDEMITSU KOSAN CO., LTD.             | 081IKC007 | FC                          |



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|      | Brand Name                           | Submitter Name  | Oil Code  | Performance classifications |
|------|--------------------------------------|---|-----------|-----------------------------|
| 241* | NICOPIT FC 2cycle Engine Oil         | Ikko Co., Ltd.  | 081IKK002 | FC                          |
| 242* | NICOPIT FC 2cycle Engine Oil         | Ikko Co., Ltd.  | 081IKK003 | FC                          |
| 243  | IDEMITSU RACING 2T FC SEMI-SYNTHETIC | PT. IDEMITSU LUBE TECHNO INDONESIA                            | 062ILI001 | FC                          |
| 244  | Idemitsu 2T FC S-S                   | PT. IDEMITSU LUBE TECHNO INDONESIA                            | 062ILI002 | FC                          |
| 245  | SERVO 2T ECOSYNTH                    | Indian Oil Corporation Limited                                | 091IOC001 | FC                          |
| 246  | SERVO 2T SUPREME                     | Indian Oil Corporation Limited                                | 091IOC002 | FC                          |
| 247  | SERVO 2T SUPREME                     | Indian Oil Corporation Limited                                | 091IOC003 | FC                          |
| 248  | BAJAJ SERVO GENUINE 2T ZOOM          | Indian Oil Corporation Limited                                | 091IOC004 | FC                          |
| 249  | KINETIC SERVO GENUINE 2T ZOOM        | Indian Oil Corporation Limited                                | 091IOC005 | FC                          |
| 250  | KINETIC ULTRA 2T OIL                 | Indian Oil Corporation Limited                                | 091IOC006 | FC                          |
| 251  | SERVO 2T SUPREME                     | Indian Oil Corporation Limited                                | 091IOC007 | FC                          |
| 252  | SERVO 2T SUPREME                     | Indian Oil Corporation Limited                                | 091IOC009 | FC                          |
| 253  | Servo 2T Supreme                     | Indian Oil Corporation Limited                                | 091IOC011 | FC                          |
| 254  | Bajaj Servo Genuine 2T Zoom          | Indian Oil Corporation Limited                                | 091IOC012 | FC                          |
| 255  | Kinetic Ultra 2T Oil                 | Indian Oil Corporation Limited                                | 091IOC013 | FC                          |
| 256  | Servo Maijo OBM Oil                  | Indian Oil Corporation Limited                                | 091IOC014 | FC                          |
| 257  | IPAC No Smoke 2T                     | IPAC Inc.   | 001IPA133 | FD                          |
| 258  | IPONE SELF OIL                       | IPONE   | 033IPN001 | FC                          |
| 259  | IPONE R 2000 RS                      | IPONE   | 033IPN002 | FD                          |
| 260  | IPONE SCOOT RUN 2                    | IPONE   | 033IPN003 | FD                          |
| 261  | IPONE SCOOT CITY                     | IPONE   | 033IPN004 | FD                          |
| 262  | IPONE SALAM SCOOT                    | IPONE   | 033IPN005 | FC                          |
| 263* | AXIS 2CYCLE ENGINE OIL               | National Federation of Agricultural Co-operative Associations | 081JAZ002 | FC                          |
| 264* | AXIS 2CYCLE ENGINE OIL               | National Federation of Agricultural Co-operative Associations | 081JAZ003 | FC                          |
| 265* | AXIS 2CYCLE ENGINE OIL               | National Federation of Agricultural Co-operative Associations | 081JAZ004 | FC                          |
| 266* | AXIS 2CYCLE ENGINE OIL               | National Federation of Agricultural Co-operative Associations | 081JAZ005 | FC                          |
| 267* | JA-OIL 2CYCLE(FC)                    | National Federation of Agricultural Co-operative Associations | 081JAZ006 | FC                          |
| 268* | JA-OIL 2CYCLE(FC)                    | National Federation of Agricultural Co-operative Associations | 081JAZ007 | FC                          |
| 269* | JA-OIL 2CYCLE(FC)                    | National Federation of Agricultural Co-operative Associations | 081JAZ008 | FC                          |
| 270  | Premium 2-Cycle Engine Oil           | John Deere  | 001JDC002 | FD                          |

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|      | Brand Name                                  | Submitter Name                             | Oil Code  | Performance classifications |
|------|---|--|-----------|-----------------------------|
| 271* | DCM 2cycle oil FC                           | JAPAN OIL SERVICE CO., LTD.                | 081JOS001 | FC                          |
| 272* | MaxFactory 2Cycle FC                        | JAPAN OIL SERVICE CO., LTD.                | 081JOS003 | FC                          |
| 273* | ENEOS 2CYCLE OIL FC                         | JX Nippon Oil & Energy Corporation         | 081JXE121 | FC                          |
| 274* | HOSAKU 2CYCLE ENGINE OIL                    | JX Nippon Oil & Energy Corporation         | 081JXE123 | FC                          |
| 275* | UTC 2 CYCLE                                 | JX Nippon Oil & Energy Trading Corporation | 081JXT001 | FD                          |
| 276* | KUBOTA Motor oil for 2cycle gasoline engine | KUBOTA Corporation                         | 081KBT001 | FC                          |
| 277* | KAWASAKI 2CYCLE OIL 「2T-R」                  | KAWASAKI MOTORS CORPORATION JAPAN          | 081KHI201 | FC                          |
| 278* | KAWASAKI 2CYCLE OIL 「Super2」                | KAWASAKI MOTORS CORPORATION JAPAN          | 081KHI202 | FC                          |
| 279  | KAWASAKI GENUINE OIL 2T                     | PT. KAWASAKI MOTOR INDONESIA               | 062KMI002 | FC                          |
| 280* | Emit 2 Cycle Engine oil                     | KOMERI Co.,Ltd.                            | 081KMR002 | FC                          |
| 281  | KTECHBLEND 2-Cycle Engine Oil               | Kawasaki Motors Corp., USA                 | 001KSE941 | FD                          |
| 282* | LIFE  | Kygnus Sekiyu K.K.                         | 081KSK001 | FC                          |
| 283* | SPORTSMATIC                                 | Kygnus Sekiyu K.K.                         | 081KSK002 | FB                          |
| 284  | Snowmobile Techniplate                      | Klotz Synthetic Lubricants                 | 001KSL215 | FD                          |
| 285* | Super 2cycle FD                             | Ink. Kita Sangyo                           | 081KTA546 | FD                          |
| 286  | KYMCO 2T MOTOR OIL                          | KWANG YANG MOTOR CO., LTD                  | 886KYM001 | FC                          |
| 287* | RedMax 50:1 Pro Blend Two Cycle Engine Oil  | Komatsu Zenoah America                     | 081KZA010 | FC                          |
| 288  | SPEED 2T                                    | LICOTECH INDUSTRIES SDN BHD                | 060LCT004 | FB                          |
| 289  | SYNTECH 2T                                  | LICOTECH INDUSTRIES SDN BHD                | 060LCT007 | FC                          |
| 290* | Lubrizol 2T Oil-7                           | Lubrizol Japan Limited                     | 081LJL007 | FB                          |
| 291* | Lubrizol 2T Oil-8                           | Lubrizol Japan Limited                     | 081LJL008 | FC                          |
| 292  | LUKOIL MOTO 2T Garden                       | OOO «LLK-International»                    | 007LLK001 | FD                          |
| 293  | LIQUI MOLY Racing Synth 2T                  | Liqui Moly GmbH                            | 049LMG001 | FD                          |
| 294  | LIQUI MOLY Racing 2T                        | Liqui Moly GmbH                            | 049LMG003 | FC                          |
| 295  | LIQUI MOLY Motorrad 2T                      | Liqui Moly GmbH                            | 049LMG008 | FC                          |
| 296  | LIQUI MOLY Racing Scooter 2T Semisynth      | Liqui Moly GmbH                            | 049LMG009 | FC                          |
| 297  | LIQUI MOLY Motorrad Scooter 2T Semisynth    | Liqui Moly GmbH                            | 049LMG010 | FC                          |
| 298  | LIQUI MOLY Racing Scooter 2T Synth          | Liqui Moly GmbH                            | 049LMG011 | FD                          |
| 299  | LIQUI MOLY Motorrad Synth 2T                | Liqui Moly GmbH                            | 049LMG012 | FD                          |
| 300  | LIQUI MOLY Motorrad Scooter 2T Synth        | Liqui Moly GmbH                            | 049LMG013 | FD                          |

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|      | Brand Name  | Submitter Name                       | Oil Code  | Performance classifications |
|------|---|--------------------------------------|-----------|-----------------------------|
| 301  | LIQUI MOLY Motorbike 2T Offroad                   | Liqui Moly GmbH                      | 049LMG030 | FC                          |
| 302  | LIQUI MOLY Motorbike 2T Synth Offroad Race        | Liqui Moly GmbH                      | 049LMG031 | FD                          |
| 303  | LIQUI MOLY Motorbike 2T Semisynth Scooter Green   | Liqui Moly GmbH                      | 049LMG032 | FC                          |
| 304  | LIQUI MOLY Motorbike 2T Street                    | Liqui Moly GmbH                      | 049LMG035 | FC                          |
| 305  | LIQUI MOLY Motorbike 2T Semisynth Scooter Street  | Liqui Moly GmbH                      | 049LMG036 | FC                          |
| 306  | LIQUI MOLY Motorbike 2T Synth Scooter Street Race | Liqui Moly GmbH                      | 049LMG037 | FD                          |
| 307  | LIQUI MOLY Motorbike 2T Synth Street Race         | Liqui Moly GmbH                      | 049LMG038 | FD                          |
| 308  | Polo  | Lubricating Specialties Company      | 001LSC558 | FC                          |
| 309  | Polo  | Lubricating Specialties Company      | 001LSC559 | FC                          |
| 310  | RED MAX 50:1 2 Cycle Oil                          | HUSQVARNA N.A.                       | 001LTI001 | FD                          |
| 311  | Jonsered 50:1 2 Cycle Oil                         | HUSQVARNA N.A.                       | 001LTI002 | FD                          |
| 312  | Poulan Pro 2 Stroke Engine Oil                    | HUSQVARNA N.A.                       | 001LTI003 | FD                          |
| 313* | MARUYAMA 2CYCLE ENGINE OIL                        | MARUYAMA MFG. CO., INC.              | 081MAR001 | FC                          |
| 314* | MARUYAMA SMOKELESS 50DX                           | MARUYAMA MFG. CO., INC.              | 081MAR002 | FD                          |
| 315  | megol Zeitaktmotorenoel TC(teilsynth.)            | Meguin GmbH & Co. KG Mineraloelwerke | 049MEG002 | FC                          |
| 316  | megol Zeitaktmotorenoel GD(vollsynth.)            | Meguin GmbH & Co. KG Mineraloelwerke | 049MEG003 | FD                          |
| 317  | MOL Sprint 2T                                     | MOL-LUB Ltd.                         | 036MOL005 | FC                          |
| 318* | 2cycle oil FD 1L                                  | MonotaRO Co.,Ltd.                    | 081MON001 | FD                          |
| 319  | SUZUKI POWERLUBE SCOOTER                          | MOTUL                                | 030MOT001 | FC                          |
| 320  | MOTUL SCOOTER POWER 2T                            | MOTUL                                | 033MOT006 | FC                          |
| 321  | MOTUL 600 2T                                      | MOTUL                                | 033MOT007 | FC                          |
| 322  | MOTUL 510 POWERLUBE 2T                            | MOTUL                                | 033MOT010 | FC                          |
| 323  | MOTUL BIO 2T                                      | MOTUL                                | 033MOT011 | FC                          |
| 324  | MOTUL 510 POWERLUBE 2T                            | MOTUL                                | 033MOT015 | FC                          |
| 325  | MOTUL SCOOTER 2T                                  | MOTUL                                | 033MOT016 | FC                          |
| 326  | MOTUL 700 2T                                      | MOTUL                                | 033MOT021 | FC                          |
| 327  | MOTUL 510 2T                                      | MOTUL                                | 033MOT030 | FC                          |
| 328  | MOTUL MOTOLUBE 2T Low Smoke                       | MOTUL                                | 033MOT034 | FC                          |
| 329  | MOTUL SCOOT RACER 2T                              | MOTUL                                | 033MOT037 | FC                          |
| 330  | MOTUL POWER SCOOT 2T                              | MOTUL                                | 033MOT038 | FC                          |

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|      | Brand Name                                      | Submitter Name                 | Oil Code  | Performance classifications |
|------|---|--------------------------------|-----------|-----------------------------|
| 331  | MOTUL SCOOTER POWER 2T                          | MOTUL                          | 033MOT046 | FC                          |
| 332  | MOTUL SCOOTER EXPORT 2T                         | MOTUL                          | 033MOT047 | FC                          |
| 333  | MOTUL MOTOMIX 2T                                | MOTUL                          | 033MOT051 | FC                          |
| 334  | MOTUL 710 2T                                    | MOTUL                          | 033MOT064 | FD                          |
| 335  | MOTUL 510 2T                                    | MOTUL                          | 033MOT065 | FD                          |
| 336  | SNOWPOWER 2T                                    | MOTUL                          | 033MOT068 | FD                          |
| 337  | 510 2T  | MOTUL                          | 033MOT069 | FD                          |
| 338  | 710 2T  | MOTUL                          | 033MOT070 | FD                          |
| 339  | SCOOTER EXPERT 2T                               | MOTUL                          | 033MOT071 | FD                          |
| 340  | Scooter Power 2T                                | MOTUL                          | 033MOT072 | FD                          |
| 341  | 510 2T OFF ROAD                                 | MOTUL                          | 033MOT073 | FD                          |
| 342  | 710 2T OFF ROAD                                 | MOTUL                          | 033MOT074 | FD                          |
| 343  | MOTOREX TWO STROKE 2T                           | Bucher AG                      | 041MOX001 | FC                          |
| 344  | MOTOREX SCOOTER 2T                              | Bucher AG                      | 041MOX002 | FC                          |
| 345  | MOTOREX FORMULA 2T                              | Bucher AG                      | 041MOX003 | FC                          |
| 346  | MOTOREX SCOOTER FORZA 2T                        | Bucher AG                      | 041MOX004 | FD                          |
| 347  | MOTOREX POWER SYNT 2T                           | Bucher AG                      | 041MOX005 | FD                          |
| 348  | Extreme-Duty Formula XD                         | Maruyama U.S., Inc.            | 001MUS001 | FD                          |
| 349  | Formula SD                                      | Maruyama U.S., Inc.            | 001MUS002 | FB                          |
| 350  | Mystik Sea & Snow 2-Cycle                       | Mystik Lubricants              | 001MYS074 | FD                          |
| 351  | Mystik JT-4 Sea & Snow 2-Cycle Engine Oil       | Mystik Lubricants              | 001MYS075 | FD                          |
| 352  | Mystik JT-4 2-Cycle Lawn & Garden               | Mystik Lubricants              | 001MYS091 | FD                          |
| 353* | NISCO 2CYCLE FC                                 | NISSIN SYOKAI Co.,Ltd.         | 081NIS001 | FC                          |
| 354* | 2CYCLE ENGINE OIL OSC-01                        | Nippon Oil Trading Corporation | 081NOT001 | FC                          |
| 355* | FD 2CYCLE ENGINE OIL TD-01                      | Nippon Oil Trading Corporation | 081NOT002 | FD                          |
| 356  | ULTRA 2T OIL                                    | Nandan Petrochem Limited       | 091NPL201 | FC                          |
| 357  | Country Tuff Synthetic Blend 2-Cycle Engine Oil | Orscheln Farm & Home LLC       | 001OFH001 | FD                          |
| 358  | Bardahl Synthetic Blend 2-Stroke                | Bardahl Mfg. Corp.             | 001OLE620 | FC                          |
| 359  | Bardahl Synthetic Racing 2-Stroke               | Bardahl Mfg. Corp.             | 001OLE621 | FC                          |
| 360* | Olympic 2Cycle Engine OIL                       | Olympic group                  | 081OSC001 | FC                          |

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|------|--|--|-----------|-----------------------------|
| 361* | BOLL 2CYCLE ENGINE OIL                 | OOSAWA_WAX.LTD                             | 081OWK001 | FC                          |
| 362* | 2CYCLE ENGINE OIL (FD)                 | OOSAWA_WAX.LTD                             | 081OWK002 | FD                          |
| 363* | GENTS 2CYCLE OIL 1L                    | PALSTAR CO.,LTD.                           | 081PAL001 | FC                          |
| 364* | MOLYGREEN 2CYCLE FC                    | PALSTAR CO.,LTD.                           | 081PAL002 | FC                          |
| 365* | GENTS                                  | PALSTAR. KK                                | 081PAL003 | FD                          |
| 366  | Supreme Synthetic Blend 2-Stroke       | Petro-Canada Lubricants Inc.               | 001PCL694 | FC                          |
| 367  | PETRONAS SYNTIUM MOTO 2S               | PETRONAS LUBRICANTS INTERNATIONAL          | 039PLE201 | FB                          |
| 368  | PETRONAS SYNTIUM MOTO 2SX              | PETRONAS LUBRICANTS INTERNATIONAL          | 039PLE202 | FC                          |
| 369  | PETRONAS Sprinta T900                  | PETRONAS LUBRICANTS INTERNATIONAL          | 039PLE203 | FD                          |
| 370  | PETRONAS Sprinta T500                  | PETRONAS LUBRICANTS INTERNATIONAL          | 039PLE205 | FC                          |
| 371  | Mesrania 2T Super                      | PT. PERTAMINA LUBRICANTS                   | 062PLM503 | FB                          |
| 372  | 2T FAST TRAC 2001                      | UMW PENNZOIL DISTRIBUTORS SDN. BHD.        | 060PLT001 | FC                          |
| 373  | 2T FAST TRAC                           | UMW PENNZOIL DISTRIBUTORS SDN. BHD.        | 060PLT002 | FB                          |
| 374  | PTT HI-SPEED 2T                        | PTT PUBLIC COMPANY LIMITED                 | 066PTT006 | FC                          |
| 375  | CHALLENGER 2T                          | PTT PUBLIC COMPANY LIMITED                 | 066PTT007 | FD                          |
| 376  | CHALLENGER SYNTHETIC 2T                | PTT PUBLIC COMPANY LIMITED                 | 066PTT008 | FD                          |
| 377  | CHALLENGER SYNTHETIC 2T                | PTT PUBLIC COMPANY LIMITED                 | 066PTT009 | FD                          |
| 378  | RAVENOL SCOOTER 2-Takt Teilsynth       | Ravensberger Schmierstoffvertrieb GmbH     | 049RAV150 | FC                          |
| 379  | RAVENOL VSZ Zweitaktoel Vollsynth      | Ravensberger Schmierstoffvertrieb GmbH     | 049RAV151 | FD                          |
| 380  | RAVENOL SNOWMOBILES Teilsynth. 2-Takt  | Ravensberger Schmierstoffvertrieb GmbH     | 049RAV152 | FC                          |
| 381  | RAVENOL SCOOTER 2-Takt FullSynth.      | Ravensberger Schmierstoffvertrieb GmbH     | 049RAV153 | FD                          |
| 382  | RAVENOL SNOWMOBILES FullSynth. 2-Takt  | Ravensberger Schmierstoffvertrieb GmbH     | 049RAV154 | FD                          |
| 383  | RAVENOL Selfmix 2T                     | Ravensberger Schmierstoffvertrieb GmbH     | 049RAV155 | FB                          |
| 384  | RAVENOL SCOOTER 2-Takt Mineral         | Ravensberger Schmierstoffvertrieb GmbH     | 049RAV156 | FB                          |
| 385  | RAVENOL SNOWMOBILES Mineral 2-Takt     | Ravensberger Schmierstoffvertrieb GmbH     | 049RAV157 | FB                          |
| 386* | Pennzoil 2-Cycle Air-Cooled Engine Oil | RED and YELLOW Co., Ltd.                   | 081RAY001 | FC                          |
| 387* | Pennzoil 2-Cycle Air-Cooled Engine Oil | RED and YELLOW Co., Ltd.                   | 081RAY002 | FD                          |
| 388* | KEYSTONE CLEAN MATIC FC                | NIKKO SANGYO CO., LTD.                     | 081RIS004 | FC                          |
| 389  | REPSOL MOTO COMPETICION 2T             | REPSOL LUBRICANTES Y ESPECIALIDADES, S. A. | 034RLE001 | FD                          |
| 390  | REPSOL MOTO OFF ROAD 2T                | REPSOL LUBRICANTES Y ESPECIALIDADES, S. A. | 034RLE002 | FD                          |

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|------|-------------------------------|--|-----------|-----------------------------|
| 391  | REPSOL MOTO SCOOTER 2T        | REPSOL LUBRICANTES Y ESPECIALIDADES, S. A. | 034RLE003 | FD                          |
| 392  | REPSOL MOTO SINTETICO 2T      | REPSOL LUBRICANTES Y ESPECIALIDADES, S. A. | 034RLE004 | FD                          |
| 393  | REPSOL MOTO ROUTE 2T          | REPSOL LUBRICANTES Y ESPECIALIDADES, S. A. | 034RLE005 | FD                          |
| 394  | Relstar 2T Ultra              | Reliance Petro Marketing Limited           | 091RPL002 | FC                          |
| 395  | Relstar 2T Ultra              | Reliance Petro Marketing Limited           | 091RPL003 | FC                          |
| 396* | MATIC Super Oil               | SAKURA SEIYUJO Co., Ltd.                   | 081RST103 | FC                          |
| 397* | SAKURA SUPER MATIC FD         | SAKURA SEIYUJO Co., Ltd.                   | 081RST105 | FD                          |
| 398* | 2-stroke engine oil           | RYOBI LIMITED                              | 081RYB001 | FD                          |
| 399  | Sunbelt Pro Mix Ultra 2-Cycle | Sunbelt Outdoor Products                   | 001SBO002 | FD                          |
| 400* | GENTS SUPER 2CYCLE MOTOR OIL  | SANYU KAGAKU KOGYO CO., LTD                | 081SCI002 | FC                          |
| 401* | SIGMA 2CYCLE ENGINE OIL       | SANYU KAGAKU KOGYO CO., LTD                | 081SCI003 | FB                          |
| 402  | KINETIC HONDA ULTRA2T OIL     | SAVITA CHEMICALS LIMITED                   | 091SCL001 | FC                          |
| 403  | Suzuki CCI Super 2T           | Shell Colombia S.A.                        | 057SCS010 | FC                          |
| 404  | Shindaiwa ONE                 | Shindaiwa Inc.                             | 001SDK002 | FD                          |
| 405* | SUMIX 2CYCLE FC               | S.I.ENERGY Co., Ltd.                       | 081SIE001 | FC                          |
| 406  | ZIC M5 2T                     | SK Lubricants Co., Ltd.                    | 082SKL002 | FC                          |
| 407  | ZIC M7 2T                     | SK Lubricants Co., Ltd.                    | 082SKL003 | FD                          |
| 408  | COMP-2 INJECTOR               | FUCHS LUBRICANTS (UK) PLC                  | 044SLK001 | FC                          |
| 409  | Formula 2XLS                  | FUCHS LUBRICANTS (UK) PLC                  | 044SLK002 | FC                          |
| 410  | Super 2 LS                    | FUCHS LUBRICANTS (UK) PLC                  | 044SLK003 | FB                          |
| 411  | SCOOT-2                       | FUCHS LUBRICANTS (UK) PLC                  | 044SLK004 | FB                          |
| 412  | COMP-2 PLUS                   | FUCHS LUBRICANTS (UK) PLC                  | 044SLK005 | FC                          |
| 413* | CCIS Super                    | SUZUKI MOTOR CORPORATION.                  | 081SMC102 | FC                          |
| 414* | CCIS TYPE-02                  | SUZUKI MOTOR CORPORATION.                  | 081SMC103 | FC                          |
| 415* | CCIS Super                    | SUZUKI MOTOR CORPORATION.                  | 081SMC202 | FC                          |
| 416* | CCIS TYPE-02                  | SUZUKI MOTOR CORPORATION.                  | 081SMC203 | FC                          |
| 417* | CCIS Super                    | SUZUKI MOTOR CORPORATION.                  | 081SMC302 | FC                          |
| 418* | CCIS TYPE-02                  | SUZUKI MOTOR CORPORATION.                  | 081SMC303 | FC                          |
| 419* | SAMURAI LEGEND 2T OIL         | HARIMA KOUSAN CO. LTD                      | 081SMR001 | FC                          |
| 420* | Cumic 2Cycle Oil              | Shin Nihon Yushi Kogyo Co.,Ltd.            | 081SNY001 | FB                          |

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|------|-------------------------------------|--|-----------|-----------------------------|
| 421* | Cumic Super Cycle                   | Shin Nihon Yushi Kogyo Co.,Ltd.                      | 081SNY002 | FC                          |
| 422* | Cumic Eco Cycle FD                  | Shin Nihon Yushi Kogyo Co.,Ltd.                      | 081SNY009 | FD                          |
| 423  | SPC 2T ALPHA                        | SINGAPORE PETROLEUM COMPANY LIMITED                  | 065SPC001 | FC                          |
| 424  | SPC 2T ALPHA                        | SINGAPORE PETROLEUM COMPANY LIMITED                  | 065SPC002 | FC                          |
| 425  | SPC 2T ALPHA                        | SINGAPORE PETROLEUM COMPANY LIMITED                  | 065SPC003 | FC                          |
| 426  | IPOL 2T HI-TECH                     | Sah Petroleums Ltd.                                  | 091SPL001 | FC                          |
| 427* | Spectrum/ALCO No Smoke Two Stroke   | Spectrum Corporation                                 | 001SPM034 | FD                          |
| 428* | SS-50                               | Shingu Shoko, LTD.                                   | 081SSE001 | FC                          |
| 429* | SS-25                               | Shingu Shoko, LTD.                                   | 081SSE005 | FB                          |
| 430* | LEPIAUS SPECIAL 2CYCLE FC           | sanko sekiryu kogyo Co., Ltd.                        | 081SSK001 | FC                          |
| 431* | Champion Super 2CYCLE FC            | sanko sekiryu kogyo Co., Ltd.                        | 081SSK002 | FC                          |
| 432* | LEPIAUS 2CYCLE FC ENGINE OIL        | sanko sekiryu kogyo Co., Ltd.                        | 081SSK101 | FC                          |
| 433  | STIHL HP Super                      | Andreas Stihl AG & Co. KG                            | 049STI011 | FD                          |
| 434  | DELUXE 2T                           | STERLING LUBRICANTS                                  | 091STL001 | FC                          |
| 435  | Stens 50:1 2Cycle Synthetic Blend   | Stens  | 001STN100 | FD                          |
| 436  | Stens 50:1 2Cycle Full Synthetic    | Stens  | 001STN200 | FD                          |
| 437* | Home EXPO 2CYCLE MOTER OIL          | SUMICO LUBRICANT Co., LTD.                           | 081SUM001 | FC                          |
| 438* | DCM Japan 2CYCLE ENGINE OIL         | SUMICO LUBRICANT Co., LTD.                           | 081SUM003 | FC                          |
| 439* | SAMIC 2CYCLE MOTOR OIL              | SANWAKASEI KOGYO CO., LTD.                           | 081SWA201 | FC                          |
| 440* | VERITY 2FC                          | SANWAKASEI KOGYO CO., LTD.                           | 081SWA202 | FC                          |
| 441* | Verity 2FC-J                        | SANWAKASEI KOGYO CO., LTD.                           | 081SWA203 | FC                          |
| 442* | Verity 2FC-S                        | SANWAKASEI KOGYO CO., LTD.                           | 081SWA204 | FC                          |
| 443* | SANLUBE High Clean 2 Cyclomatic Oil | SANKYO YUKA KOGYO K.K.                               | 081SYK001 | FC                          |
| 444* | CASTLE 2CYCLE FC                    | TACTI CORPORATION                                    | 081TAC006 | FC                          |
| 445* | CASTLE 2CYCLE FD                    | TACTI CORPORATION                                    | 081TAC007 | FD                          |
| 446* | MHIES 2CYCLE OIL FC                 | MITSUBISHI HEAVY INDUSTRIES ENGINE SYSTEMS CO., LTD. | 081TBE001 | FC                          |
| 447  | ELF MOTO 2HP ECO                    | TOTAL LUBRIFIANTS                                    | 033TOL034 | FD                          |
| 448  | TOTAL AERO DT                       | TOTAL LUBRIFIANTS                                    | 033TOL038 | FC                          |
| 449  | ELF MOTO 2XT TECH                   | TOTAL LUBRIFIANTS                                    | 033TOL040 | FD                          |
| 450  | ELF MOTO 2 TEMP                     | TOTAL LUBRIFIANTS                                    | 033TOL041 | FC                          |

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|      | Brand Name  | Submitter Name                     | Oil Code  | Performance classifications |
|------|---|------------------------------------|-----------|-----------------------------|
| 451  | ELF MOTO 2 RACING                                     | TOTAL LUBRIFIANTS                  | 033TOL042 | FD                          |
| 452  | ELF MOTO 2 SELF MIX                                   | TOTAL LUBRIFIANTS                  | 033TOL051 | FB                          |
| 453  | ELF MOTO 2 OFF ROAD                                   | TOTAL LUBRIFIANTS                  | 033TOL052 | FD                          |
| 454  | ELF MOTO 2 TECH                                       | TOTAL LUBRIFIANTS                  | 033TOL053 | FD                          |
| 455  | ELF SCOOTER 2 SELF MIX                                | TOTAL LUBRIFIANTS                  | 033TOL054 | FB                          |
| 456  | ELF SCOOTER 2 STREET                                  | TOTAL LUBRIFIANTS                  | 033TOL055 | FD                          |
| 457  | ELF SCOOTER 2 STREET MAX                              | TOTAL LUBRIFIANTS                  | 033TOL056 | FD                          |
| 458  | SUZUKI CCI SUPER 2T                                   | THAI SUZUKI MOTOR CO., LTD.        | 066TSM001 | FC                          |
| 459  | TruSouth Universal 2 Cycle Engine Oil Synthetic Blend | TruSouth OIL                       | 001TSO001 | FD                          |
| 460  | TruSouth Universal 2 Cycle Engine Oil                 | TruSouth OIL                       | 001TSO002 | FB                          |
| 461  | TruSouth Premium Synthetic 2T Oil                     | TruSouth OIL                       | 001TSO050 | FD                          |
| 462  | Envirologic 440                                       | Terresolve Technologies Ltd.       | 001TTL002 | FD                          |
| 463  | VEEDOL TAKE-OFF 2T                                    | Tide Water Oil Co.(India)Ltd.      | 091TWO007 | FC                          |
| 464  | VEEDOL TAKE-OFF 2T                                    | Tide Water Oil Co.(India)Ltd.      | 091TWO008 | FC                          |
| 465* | TAIYO 2CYCLE SUPER                                    | TAIYO OIL CO., LTD.                | 081TYO001 | FC                          |
| 466* | SOLATO MOTOR OIL 2CYCLE                               | Taiyo Oil Company, Limited         | 081TYO002 | FC                          |
| 467* | SOLATO MOTOR OIL 2CYCLE                               | TAIYO OIL CO., LTD.                | 081TYO003 | FC                          |
| 468  | OPALJET 2T SYNTHESSE                                  | UNIL OPAL                          | 033UNO001 | FD                          |
| 469  | RedMax 50:1 Pro Blend 2-Cycle Engine Oil              | Zenoah America Inc.                | 001USZ001 | FD                          |
| 470* | 2CYCLE OIL  | UNITED TRADING CO.,LTD.            | 081UTC001 | FC                          |
| 471  | VP Full Synthetic 2-Cycle Oil                         | VP RACING FUELS, Inc               | 001VPR001 | FD                          |
| 472  | Pro Gard  | WCS Distributing, Inc.             | 001WCS123 | FD                          |
| 473  | WD-40® Specialist® Low Smoke 2-Cycle Oil              | WD-40 Company                      | 001WDC040 | FD                          |
| 474* | PittPEN 2cycleFD                                      | WIDOL TRADING COMPANY CO.,LTD.     | 081WDT002 | FD                          |
| 475* | KAITEKIYOUZU 2cycle engine oil FD                     | WIDOL TRADING COMPANY CO.,LTD.     | 081WDT003 | FD                          |
| 476* | WAKO'S 2CT  | Wako Chemical Co., Ltd.            | 081WKO001 | FC                          |
| 477* | YAMABIKO Genuine 2CYCLE Exclusive Oil                 | YAMABIKO CORPORATION               | 081YBK003 | FC                          |
| 478* | CAR COOL 2 CYCLE OIL                                  | YASHIMA CHEMICAL INDUSTRY CO.,LTD. | 081YCI001 | FC                          |
| 479  | HX 1000 2T  | YACCO S.A.S.                       | 033YCO014 | FD                          |
| 480  | BIO SYNTH 2T  | YACCO S.A.S.                       | 033YCO123 | FD                          |



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|      | Brand Name                | Submitter Name         | Oil Code  | Performance classifications |
|------|---------------------------|------------------------|-----------|-----------------------------|
| 481  | MVX 500 2T                | YACCO S.A.S.           | 033YCO135 | FD                          |
| 482  | MVX 1000 2T               | YACCO S.A.S.           | 033YCO140 | FD                          |
| 483  | MVX SCOOT 2               | YACCO S.A.S.           | 033YCO513 | FD                          |
| 484  | MVX SCOOT 2 SYNTH         | YACCO S.A.S.           | 033YCO514 | FD                          |
| 485* | YAMAHA AUTOLUBE Super     | YAMAHA MOTOR CO., LTD. | 081YMC001 | FC                          |
| 486* | YAMAHA AUTOLUBE Super RS  | YAMAHA MOTOR CO., LTD. | 081YMC002 | FC                          |
| 487* | YAMAHA AUTOLUBE Super     | YAMAHA MOTOR CO., LTD. | 081YMC003 | FC                          |
| 488* | YAMAHA AUTOLUBE Super     | YAMAHA MOTOR CO., LTD. | 081YMC004 | FC                          |
| 489* | YAMAHA AUTOLUBE Super     | YAMAHA MOTOR CO., LTD. | 081YMC005 | FC                          |
| 490* | YAMAHA AUTOLUBE Super     | YAMAHA MOTOR CO., LTD. | 081YMC008 | FC                          |
| 491* | YAMAHA AUTOLUBE Super Oil | YAMAHA MOTOR CO., LTD. | 081YMC010 | FC                          |
| 492* | YAMALUBE 2W               | YAMAHA MOTOR CO., LTD. | 081YMC011 | FC                          |
| 493* | YAMAHA AUTOLUBE Super Oil | YAMAHA MOTOR CO., LTD. | 081YMC012 | FC                          |
| 494* | YAMAHA Snow Oil Super BIO | YAMAHA MOTOR CO., LTD. | 081YMC013 | FC                          |
| 495* | YAMAHA AUTOLUBE SUPER     | YAMAHA MOTOR CO., LTD. | 081YMC014 | FD                          |
| 496* | YAMAHA AUTOLUBE SUPER     | YAMAHA MOTOR CO., LTD. | 081YMC015 | FD                          |
| 497* | YAMAHA AUTOLUBE SUPER     | YAMAHA MOTOR CO., LTD. | 081YMC016 | FD                          |
| 498* | YAMALUBE 2-S              | YAMAHA MOTOR CO., LTD. | 081YMC508 | FC                          |
| 499* | YAMALUBE 2                | YAMAHA MOTOR CO., LTD. | 081YMC510 | FC                          |
| 500* | YAMALUBE 2                | YAMAHA MOTOR CO., LTD. | 081YMC511 | FC                          |
| 501* | YAMALUBE 2T               | YAMAHA MOTOR CO., LTD. | 081YMC512 | FC                          |
| 502* | YAMALUBE 2T               | YAMAHA MOTOR CO., LTD. | 081YMC513 | FC                          |
| 503* | YAMALUBE 2T               | YAMAHA MOTOR CO., LTD. | 081YMC514 | FC                          |
| 504* | YAMALUBE 2                | YAMAHA MOTOR CO., LTD. | 081YMC515 | FC                          |
| 505* | YAMALUBE 2                | YAMAHA MOTOR CO., LTD. | 081YMC516 | FC                          |
| 506* | YAMALUBE 2S               | YAMAHA MOTOR CO., LTD. | 081YMC519 | FC                          |
| 507* | YAMALUBE 2                | YAMAHA MOTOR CO., LTD. | 081YMC521 | FB                          |
| 508* | YAMALUBE 2S               | YAMAHA MOTOR CO., LTD. | 081YMC522 | FC                          |
| 509* | YAMALUBE 2S               | YAMAHA MOTOR CO., LTD. | 081YMC523 | FC                          |
| 510* | YAMALUBE 2S               | YAMAHA MOTOR CO., LTD. | 081YMC524 | FC                          |

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|------|------------------|-----------------------------------|-----------|-----------------------------|
| 511* | YAMALUBE 2-T     | YAMAHA MOTOR CO., LTD.            | 081YMC526 | FC                          |
| 512* | YAMALUBE2-S      | YAMAHA MOTOR CO., LTD.            | 081YMC527 | FC                          |
| 513* | YAMALUBE 2       | YAMAHA MOTOR CO., LTD.            | 081YMC530 | FC                          |
| 514* | YAMALUBE 2-S     | YAMAHA MOTOR CO., LTD.            | 081YMC531 | FC                          |
| 515* | YAMALUBE 2-SS    | YAMAHA MOTOR CO., LTD.            | 081YMC532 | FC                          |
| 516* | YAMALUBE 2T      | YAMAHA MOTOR CO., LTD.            | 081YMC533 | FC                          |
| 517* | YAMALUBE 2       | YAMAHA MOTOR CO., LTD.            | 081YMC534 | FC                          |
| 518* | YAMALUBE 2       | YAMAHA MOTOR CO., LTD.            | 081YMC535 | FC                          |
| 519* | YAMALUBE 2S      | YAMAHA MOTOR CO., LTD.            | 081YMC537 | FC                          |
| 520* | TAIOMATIC S      | YANASE SEIYU CO., LTD             | 081YSC001 | FC                          |
| 521* | TAIOMIX 50       | YANASE SEIYU CO., LTD             | 081YSC003 | FC                          |
| 522* | YS BIO 2T        | YANASE SEIYU CO., LTD             | 081YSC005 | FC                          |
| 523* | OPTIMIX50        | YANASE SEIYU CO., LTD             | 081YSC007 | FD                          |
| 524* | NICO CYCLE SUPER | JAPAN LUBOIL REFINERS ASSOCIATION | 081ZSK002 | FC                          |
| 525* | NICO CYCLE SUPER | JAPAN LUBOIL REFINERS ASSOCIATION | 081ZSK101 | FC                          |

The above list is arranged alphabetically by marketer code.

We are publicizing the information of on-filed products of the submitters who returned the confirmation letter. As for the on-file products which was not confirmed by the due date, the information would be publicized in the later occasions.

\* For a convenience of overseas inquiries, JASO Engine Oil Standards Implementation Panel rewrites the Japanese edition of the "Filed Two Cycle Gasoline Engine Oil List" into English. Therefore, it may not be precisely consistent with the marking label of practical package.