

**HYDRAULIC FLUIDS FOR CONSTRUCTION MACHINERY
(JCMAS P 041:2004, JCMAS P 042:2004) IMPLEMENTATION MANUAL
ERRATA (Revised March 2024)**

Appendix 3

On-File Reporting and Maintenance of Hydraulic Fluids for Construction Machinery

False

Form-3.3

Exhibit 2: JCMA-R2 JCMAS P 047 (Micro-clutch Test) Reference Test Results Data

Temperature, °C	Measurements	Precision Criteria
40		Greater than or equal to 0.125 at all temperature range and less than or equal to 0.143 at 140°C
60		
80		
100		
120		
140		

True

Form-3.3

Exhibit 2: JCMA-R2 JCMAS P 047 (Micro-clutch Test) Reference Test Results Data

Temperature, °C	Measurements	Precision Criteria
40		-
60		0.147~0.185
80		0.141~0.171
100		0.134~0.158
120		0.127~0.150
140		0.123~0.140