

CHEMLUBE® M-011 HYDRAULIC FLUID

Chemlube M-011 is a military specification inhibited petroleum-based hydraulic fluid containing anti-corrosion and anti-oxidation additives for use in hydraulic systems and in other applications where a high grade lubricating oil having anti-corrosion and anti-oxidation properties is required. This fluid should not be used in systems where a fire resistant fluid is specified.

CHEMLUBE®

TYPICAL PROPERTIES	TEST METHOD	REQUIREMENT	CHEMLUBE M-011
Viscosity @ 40°C,cSt	ASTM D445	61.2 – 74.8 cSt	65.1
Viscosity @ 100°C,cSt	ASTM D445	Report	8.7
Viscosity Index	ASTM D2270	94	95
Flash Point, °C/°F	ASTM D92	163/325	223/433
Pour Point, °C/°F	ASTM D97	-18/-1	-38/-36
Copper Corrosion	ASTM D130	No. 1 max	1B
Rust Prevention	ASTM D665	Pass	Pass
Water content %	ASTM D95	None	None
Neutralization number, maximum	ASTM D974	0.20 mg KOH/g	0.03 mg KOH/g
Neutrality, qualitative	FED STD 791-5101	Neutral	Neutral
Ash, sulfated residue, % maximum	ASTM D874	Report	0.55%
Compatibility	Procedure 4.6	Pass	Pass
Workmanship	---	Pass	Pass
Valve sticking characteristics	Appendix B	Pass	Pass
Contamination mb/100 ml, maximum	ASTM F313	4.0	<1
Foam Characteristics	ASTM D892	65 ml	50ml
Collapse	---	Complete	Complete
Lbs./Gal.	---	Report	7.25
Specific Gravity	ASTM D1298	Report	0.87

03/10

HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com

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