

## Ultrachem AWF MULTI-GRADE HYDRAULIC OIL

### Applications:

Ultrachem AWF is a multi-grade anti-wear hydraulic fluid. It has been designed for year-round service in mobile equipment operating at very low or widely varying ambient temperatures. It is recommended for use in mobile hydraulic equipment, including cherry pickers, backhoes, shovels, hydraulic cranes and extension ladders. It can be used in stationary hydraulic equipment operating at abnormally low temperatures. This product provides excellent lubricity and wear protection, oxidation and corrosion protection and detergency for system cleanliness. Meets or exceeds leading pump and system manufacturer's specifications such as Delaval, Denison, Dynex, Moog, Racine, Rexroth, Sundstrand, Towler, Vickers and U.S. Steel.

### Performance Benefits:

- Wide temperature operating range.
- Anti-wear protection
- Detergency for system cleanliness
- Excellent oxidation and corrosion protection

TYPICAL PROPERTIES	TEST METHOD	Ultrachem AWF
SAE Grade		5W-20
Viscosity @ 40°C,cSt	ASTM D445	47
Viscosity @ 100°C,cSt	ASTM D445	7.8
Viscosity Index	ASTM D2270	135
Flash Point, °C/°F	ASTM D92	215/420
Pour Point, °C/°F	ASTM D97	-42/-45
Copper Corrosion	ASTM D130	1B
Foaming Seq., I,II,III	D892	Pass
Acid #	D664	0.80
Dielectric Strength	D877	35+
Zinc, % wt.	---	0.04

#### 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](mailto:info@ultracheminc.com)



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