

PETROMERICA

ANTI WEAR HYDRAULIC OIL AW-46

Petromerica Anti-Wear AW-46 Hydraulic Oil is a premium quality general purpose anti-wear hydraulic fluid containing a zinc/phosphorous additive to minimize wear and provides superior thermal stability, anti-foam, rust, corrosion and oxidation protection in high-speed, high-pressure vane, gear, and piston pumps operating over a wide temperature range. It is formulated according to the ISO viscosity grade classifications to perform in extended service intervals to reduce downtime and increase time between equipment service.

Petromerica Anti-Wear Hydraulic Oil meets, exceeds, or match the performance specifications and complies with most industrial, marine and mobile applications where service requirements are normal to moderate and long-term, heavy-duty wear protection is not critical including: Cincinnati Fives P-68, P-69, P-70, Parker Hannifin HF-0, HF-1, HF-2, Vickers 35VQ25A, Eaton/Vickers M-2950-S, I-286-S, Ford M6C32, Chrysler, General Motors LS-2, DIN 51524 Part 1 and 2, ASTM D6158, ISO 11158 and US Steel 136 specifications for stability and durability.

Benefits and Applications

- Provide superior thermal stability
- Protects against damaging rust, corrosion and oxidation
- Reduces downtime and increase time between equipment service

AW-46 Typical Characteristics - V191218

ISO GRADE		AW-46
AGMA Grade		-
Color		L1.5
Specific Gravity @ 60°F		.861
Viscosity @ 100°C, cSt	ASTM D445	6.8
Viscosity @ 40°C, cSt	ASTM D445	43.6
Viscosity Index	ASTM D2270	113
Pour Point, °C/°F	ASTM D97	-33 / -27.4
Flash Point, COC °C/°F	ASTM D92	242 / 467.6
Demulsibility	ASTM D1401	Pass

Test Method ASTM - Typical test data average values only. Minor variations, which do not affect performance, may occur.

ISO 46

Meets Cincinnati Machine P-68, P-69, P-70, Denison HF-0, HF-1, HF-2, Vickers 35VQ25, Eaton/Vickers M-2950-S, I-286-S, Ford M6C32, Chrysler, GM LS-2, and US Steel 136



Manufactured by US Global Petroleum, Franklin Park, IL 60131 - 773-376-9660

HANDLING AND SAFETY INFORMATION - Refer to Petromerica (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

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