



AMERIGUARD® AW ISO 46 HYDRAULIC OIL

Hydraulic Oil Products



AMERIGUARD® AW ISO 46 Hydraulic Oil is designed to help improve uptime, reduce costs and increase productivity. Formulated to provide 5,000 hours of oxidation stability. Our hydraulic oils offer energy-efficient benefits and improved performance across a wide range of temperatures. They are specifically designed to meet the demands of high-pressure, industrial, and mobile equipment hydraulic systems. You and your vehicles work hard for the important things in life. Trust high-quality AMERIGUARD® Lubricants by Sapp Bros. to protect engines and your investment -- at an excellent value. Our fluid is formulated to provide the following features and benefits:

- Extra protection for equipment life and reliability.
- Excellent varnish control and cleanliness.
- Outstanding wear and corrosion protection.
- Formulated to provide 5,000 hours of oxidation stability.
- Optimized maintenance cost and uptime.

Industry/OEM Specifications

ASTM D6158	Meets Requirements
Eaton E-FDGN-TB002-E, 35VQ25A	Meets Requirements
Bosch Rexroth	Suitable for Use
Cincinnati/MAG IAS P-70	Suitable for Use
DIN 51524, Part 1,2,3	Suitable for Use
General Motors LS-2	Suitable for Use
JCMAS HK	Suitable for Use
Parker Denison HF-0, HF-1	Suitable for Use
Parker Denison HF-2	Suitable for Use
Racine	Suitable for Use
Sperry Vickers/Eaton I-286-S, M-2950-S	Suitable for Use
US Steel 127, 136	Suitable for Use

Typical Properties

Calcium, wt. %	ASTM D5185	0.003
Color	ASTM D1500	0.5
Flash Point °C	ASTM D92	225
Flash Point °F	ASTM D92	437
Gravity, °API	ASTM D287	31.46
Oxidation Hours	ASTM D943	5000
Phosphorus, wt. %	ASTM D5185	0.033
Pour Point °C (°F)	ASTM D5950	-33°C (-27°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8683
Sulfur, wt. %	ASTM D4951	0.065
Vapor Pressure at 20°C		<0.013 kPa at 20°C
Viscosity @ 100°C cSt	ASTM D445	6.95

Viscosity @ 40°C cSt	ASTM D445	46.03
Viscosity Index	ASTM D2270	105
Zinc, wt. %	ASTM D5185	0.041

Information accurate as of March 3, 2026