

SpecOil

PRODUCT DATA SPECIFICATIONS

PREMIUM ANTI-WEAR HYDRAULIC OIL

OEMs are changing equipment designs and industrial operating conditions are becoming more severe as power density and other factors increase stresses. Escalating mechanical output from what is often smaller equipment, places new stresses on industrial lubricants and results in more challenging performance requirements.

SpecOil™ Premium Anti-Wear Hydraulic Oil ISO 68 takes advantage of the latest technology and is designed to help improve uptime, reduce costs and increase productivity. Plus, it is formulated to provide 5,000 or more hours of oxidation stability. Our hydraulic oils offer energy-efficient benefits and improved performance across a wide range of temperatures. It also provides 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.
- Helps to optimize maintenance cost and uptime.



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Typical Properties	Test Method	AW ISO 32	AW ISO 68
Gravity, ° API	ASTM D287	32.44	30.71
Specific Gravity @ 60 °F (15.6 °C)	ASTM D4052	0.8631	0.8723
Flash Point, °C	ASTM D92	210	228
Flash Point, °F	ASTM D92	410	442
Viscosity @ 40 °C, cSt	ASTM D445	32.11	69.25
Viscosity @ 100 °C, cSt	ASTM D445	5.55	8.95
Viscosity Index	ASTM D2270	110	103
Pour Point, °C (°F)	ASTM D5950	-39 °C (-38 °F)	-30 °C (-22 °F)
Oxidation Hours	ASTM D943	5000	5000
Color	ASTM D1500	1.0	1.0
Zinc, wt. %	ASTM D5185	0.043	0.043
Phosphorus, wt. %	ASTM D5185	0.034	0.034
Sulfur, wt. %	ASTM D4951	0.071	0.071

Industry/OEM Specifications	AW ISO 32	AW ISO 68
★ Approved ● Meets Requirements ○ Suitable for Use – Not Applicable		
ASTM D6158	●	●
Bosch Rexroth	●	●
Cincinnati/MAG IAS P-68	●	–
Cincinnati/MAG IAS P-69	–	●
DIN 51524-2	●	●
Eaton E-FDGN-TB002-E, 35VQ25A	●	●
General Motors LS-2	●	●
ISO 6743	●	●
ISO 11158	●	●
JCMAS HK	●	●
Parker Denison HF-2, HF-1, HF-0	●	●
Racine	○	○
US Steel 127, 136	●	●
ISO 11158	●	●
Vickers/Eaton I-286-S, M-2950-S	●	●

