

LUBRAL AW HYDRAULIC OIL ISO 32

ANTI-WEAR HYDRAULIC OIL

DESCRIPTION

Lubricant made with high quality paraffinic base oils, carefully filtered and added to achieve immediate responses in all hydraulic systems.

BENEFITS

- High level of permanent cleaning in the system.
- High controlled demulsibility to work under conditions of water contamination.
- Excellent protection against wear.
- High viscosity index, which gives it good thermal stability.
- High resistance to oxidation and corrosion.
- High resistance to sludge formation.
- Excellent heat dissipation.
- Low volatility.

APPLICATIONS

Recommended for use in most hydraulic systems with gear, radial piston, axial and vane pumps, hydraulic actuators, presses, machine tool transmissions, air compressors where pressures and speeds require an anti-wear product, as well as cranes, forklift lifting systems, machine and tool transmissions, injection machines, support shears, turners, water pumps, etc.

Also, HYDRAULIC AW oils meet or exceed the following industrial and equipment manufacturer specifications:

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|------------------------------------|---------------------------------------|-----------------------------------|
| • Parker Denison HF-0, HF-1, HF-2. | • DIN 51524 PART 1,2,3 | • JCMAS HK P041 |
| • GM LS-2 | • U.S. Steel 126 | • SWEDISH STANDARD SS 155434:2015 |
| • Eaton Brochure 03-401-2010 | • Bosch Rexroth RE90220 | • ZF TE-ML 07H |
| • E-FDGN-TB002-E | • Fives Cincinnati P-68, P-69 & P-70. | • ZF TE-ML 21M |
| • JCMAS HK P041 | • ISO 11158 HL, HM, HV. | • SAE MS1004 |

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CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
ISO Viscosity Grade	-	32
Color	ASTM D1500	1.0
Appearance	Visual	Brilliant
Kineamtic Viscosity @40°C, cSt	ASTM D445	32
Kinematic Viscosity @100°C, cSt	ASTM D445	5.6
Viscosity Index	ASTM D2270	105
Flash Point, °C	ASTM D92	200
Pour Point, °C	ASTM D97	-30
Oil-water-emulsion demulsibility, ml in 30 minutes	ASTM D1401	40-40-0
Resietence To Rust Formation	ASTM D665	Pass
Foaming ml/min, máx.	ASTM D892	
Sequence I		20/0
Sequence II		50/0
Sequence III		20/0
Copper Corrosion	ASTM D130	1b
TOST oxidation life time, h	ASTM D943	3000

Typical Properties are those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are expected during normal manufacturing and at different mixing locations.

The information in this document is subject to change without notice. Product availability may vary depending on the location. For more information, you can contact us at venta@lubral.com