LUBRAL AW HYDRAULIC OIL ISO 100

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. HYDRAULIC AW oils are designed to provide good performance in a range of hydraulic components used in systems subjected to moderate to severe operating conditions.

Its high level of oxidation resistance and chemical stability helps control deposit formation and optimizes equipment performance by eliminating valve sticking. They provide good protection against rust and corrosion in operations where there is high moisture content or where low moisture levels are unavoidable. HYDRAULIC AW oils separate water easily and have good air release properties.

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.

APPLICATIONS

It is recommended for use in hydraulic systems, hydraulic actuators, presses, machine tool transmissions, air compressors that require oils with AW characteristics, as well as cranes, forklift lifting systems, water pumps, etc.

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

- Parker Denison HF-0
- GM LS-2
- Eaton Brochure 03-401-2010
- JCMAS HK
- DIN 51524 PART 1,2,3
- U.S. Steel 127
- MAG IAS P-69
- U.S. Steel 136
- MAG IAS P-68
- Bosch Rexroth RE90220
- MAG IAS P-70
- SAE MS1004

LUBRAL AW HYDRAULIC OIL ISO 100

ANTI-WEAR HYDRAULIC OIL

CHARACTEISTICS

TESTS	TEST METHOD	TYPICAL VALUE
ISO Viscosity Grade	-	100
Appearence	Visual	Brilliant
Color	ASTM D1500	2.5
Kinematic Viscosity @40°C. cSt	ASTM D445	100
Kinematic Viscosity @100°C, cSt	ASTM D445	11
Viscosity Index	ASTM D2270	96
Flash Point, COC °C	ASTM D92	230
Pour Point, °C	ASTM D97	-18
Oil-water-emulsion demulsibility ml in 30 minutes	ASTM D1401	40-39-01
Resietence To Rust Formation	ASTM D665	Pass
Foaming, ml/min, máx.	ASTM D892	
Sequence I		25
Sequence II		50
Sequence III		25
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