

LUBRAL AW HYDRAULIC OIL ISO 68

ANTIWEAR HIDRAULIC OIL

DESCRIPTION

Lubricant made with high quality paraffinic base oils, carefully filtered and additive 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 permanent cleaning level in the system.
- High demulsibility controlled to work under water contamination conditions.
- Excellent protection against wear.
- High viscosity index, what gives a good thermal stability.
- High resistance to rust and oxidation and 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.

HIDRÁULICO OIL AW Meets or exceed the next industrial and equipment manufacturers specifications.

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

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CHARACTERÍSTICS

TESTS	ASTM METHOD	TYPICAL VALUE
ISO Viscosity grade		68
Appearance	Visual	Bright
Color	ASTM D-1500	1.5
Kinematic Viscosity @40°C, cSt	ASTM D-445	68
Kinematic Viscosity @100 °C, cSt	ASTM D-445	9
Viscosity Index	ASTM D-2270	98
Flash point COC, °C	ASTM D-92	230
Pour point, °C	ASTM D-92	-24
Demulsibility oil-water-emulsion, ml in 30 min	ASTM D-1401	40-40-0
Resistance to rust formation	ASTM D-665	Pass
Espumación, ml/min, max.		
Sequence I		20
Sequence II		50
Sequence III		20
Copper sheet corrosion 3h @100°C	ASTM D-130	1b
Oxidation life test TOST, h	ASTM D-943	3000

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations, that do not affect the yield product during the normal manufacturing and on different mixing locations are expected.

Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact venta@lubral.com