

LUBRAL HYDRAULIC ZF PLUS ISO 32

HYDRAULIC OIL

DESCRIPTION

Lubricant made with high quality paraffinic base oils and ashless additives that provide resistance to wear, oxidation, corrosion and foaming.

It has high thermal stability and is compatible with most of the anti-wear hydraulic oils on the market.

BENEFITS

- Increases the life time of the pumps.
- High demulsibility to work under conditions of contamination with water.
- Excellent protection against wear.
- High viscosity index, which gives it good thermal stability.
- High resistance to oxidation and corrosion.
- Does not damage hydraulic system seals.
- High resistance to sludge formation.
- Good heat dissipation.
- Low volatility.
- Excellent compatibility with metals.
- Compatible with hydraulic fluids containing zinc.
- Ashless / Zinc free.

APPLICATIONS

It is recommended for hydraulic systems, hydraulic actuators, presses, machine tool transmissions, air compressors that require R&O oils, cranes, forklift lifting systems, water pumps and any hydraulic system that requires an anti-wear oil with superior performance characteristics. than conventional AW and ash-free oils.

Covers and exceeds the requirements:

- DIN 51524, Part II
- U.S. Steel 127
- Müller Weingarten Brugger
- Vickers Vane (IP281/85)

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CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
ISO Viscosity Grade		32
Color	ASTM D1500	1.0
Appearance	Visual	Brilliant
Kinematic Viscosity @40°C cSt	ASTM D445	32
Kinematic Viscosity @100°C, cSt	ASTM D445	5.4
Viscosity Index	ASTM D2270	102
Flash Point COC °C	ASTM D92	200
Pour Point, °C	ASTM D98	-24
Oil-water-emulsion demulsibility ml in 30 min.	ASTM D1401	40-40-0
Resistance To Rust Formation	ASTM D665	Pass
Foaming Tendency / Stability ml, max.	ASTM D892	
Sequence I		20/0
Sequence II		50/0
Sequence III		20/0
Copper Corrosion	ASTM D130	1b
Sulphated ash	ASTM D874	Negative

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