



Better engine oils

Power to protect. Power to perform.



TOP HYDROL ZF 32

PRODUCT CODE: T03556

TOP HYDROL ZF 32 is a high performance zinc-free ashless anti-wear hydraulic oil developed to provide excellent performance in hydraulic systems, power transmission and general machine lubrication operating under moderate to severe conditions. Based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

BENEFITS:

- Excellent thermo-oxidative stability.
- Exceptional anti-wear property results in longer pump and component life.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Advanced ashless additive technology reduces environmental impact in case of accidental spillage • Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture
- Rapid air release property minimizes chances of pump cavitations leading to trouble free operations
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.
- Designed for older hydraulic pumps containing silver or silver-plated parts.

Exceeds the following performance requirements:

- DIN 51524 Part 2 HLP
- AFNOR NFE 48-603 HM
- Cincinnati P-70
- Denison HF-1
- Vickers M-2950-S Vickers I-286-S

TYPICAL ANALYSIS:

Properties	Unit	Method	Typical Value
ISO VG Class			32
Density @15°C	kg/m ³	ASTM D4052	869
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	5.5
Viscosity Index		ASTM D2270	106
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-18
FZG A/8,3 90°C	min	DIN 51354-2	12
Demulsibility @54°C	max	DIN 51599	30
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