

HYDRA POWER ZF 32

Zinc Free Hydraulic Oil

HYDRA POWER 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.

HYDRA POWER ZF 32 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- 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 due to non-silicone anti-foam technology to 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.

HYDRA POWER ZF 32 meets the following performance criteria:

DIN 51524/2 HLP
I-286-S

AFNOR NFE 48-603
Denison HF-0

ISO 11158 HM
Cincinnati P-68

Vickers M-2950

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	32
Density @15°C	kg/m ³	ASTM D4052	872.0
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	32.7
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	5.5
Viscosity Index		ASTM D2270	103
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-30
FZG A/8,3 90°C		DIN 51354-2	12
Demulsibility @54°C	Minutes	DIN 51599	10
Date Issued: 15-5-2025		Supersedes: 10-6-2021	Revision Nr.: 02

