

HYDRA POWER ZF 68

Zinc Free Hydraulic Oil

HYDRA POWER ZF 68 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 68 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 68 meets the following performance criteria:

DIN 51524/2 HLP
I-286-S

AFNOR NFE 48-603
Denison HF-1

ISO 11158 HM
Cincinnati P-70

Vickers M-2950

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	68
Density @15 °C	kg/m ³	ASTM D4052	877
Kin. Viscosity @40 °C	mm ² /s	ASTM D7042	69
Kin. Viscosity @100 °C	mm ² /s	ASTM D7042	8.8
Viscosity Index		ASTM D2270	101
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-18
FZG A/8,3 90 °C		DIN 51354-2	12
Demulsibility @54 °C	Minutes	DIN 51599	60
Date Issued: 14-6-2021		Supersedes: 17-10-2016	Revision Nr.: 01

