

## HYDRA POWER ZF PLUS 68

### Zinc Free Hydraulic Oil

**HYDRA POWER ZF PLUS 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 PLUS 68** is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Outstanding thermo-oxidative stability.
- Exceptional anti-wear property which results in fewer breakdowns.
- Advanced ashless additive technology reduces environmental.
- Excellent demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components against negative effects of moisture presence in the system.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Offers long term hydrolytic stability and yellow metal compatibility in presence of water.
- 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 PLUS 68** meets the following performance criteria:

DIN 51524/3 HVLP  
I-286-S

AFNOR NFE 48-603  
Denison HF-2

ISO 11158 HV  
Cincinnati P-69

Vickers M-2950-S

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	68
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	879
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	73
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	11.9
Viscosity Index		ASTM D2270	157
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-39
FZG A/8,3 90°C		DIN 51354-2	12
Demulsibility @54°C	Minutes	DIN 51599	20
Date Issued: 17-10-2016		Supersedes: -	Revision Nr.: -

