ENERG®
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LUBRICANTS

PRODUCT DATA SHEET

G PRO HYDRAULIC OIL AW 68

ANTI-WEAR HYDRAULIC FLUID
ISO VG 68

Description:

ENERG G Pro Hydraulic Oil AW 68 is a high-quality anti-wear hydraulic fluid formulated with premium base oils and advanced additives to provide excellent protection against wear, oxidation, rust, and corrosion. It is designed for use in high-pressure hydraulic systems where reliable performance, clean operation, and long service life are required.

Applications

Recommended for use in:

- Industrial and mobile hydraulic systems
- Hydraulic systems operating under high pressure and load
- Construction, mining, and earthmoving equipment
- Machine tools and general industrial hydraulic applications
- Systems requiring ISO VG 68 anti-wear hydraulic oil

Performance Standards

- ISO VG 68
- DIN 51524 Part II (HLP)
- AFNOR NF E 48-603 (HM) (*typical application reference*)

Key Benefits

- Excellent anti-wear protection for hydraulic pumps and components
- Superior oxidation stability for extended oil life
- Good demulsibility for rapid water separation
- Low foaming tendency and good air release properties
- Effective rust and corrosion protection

Typical Technical Characteristics

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Appearance	Visual	—	Clear & Bright
Crackle Test	Visual	—	Nil
Density @ 29.5°C	ASTM D-1298	kg/ml	0.8511
Colour	ASTM D-1500	—	L0.5
Kinematic Viscosity @ 40°C	ASTM D-445	cSt	67.00
Kinematic Viscosity @ 100°C	ASTM D-445	cSt	9.38
Viscosity Index	ASTM D-2270	—	118
Foaming Tendency / Stability	ASTM D-892	ml	Pass
Demulsibility @ 54°C	ASTM D-1401	minutes	Pass
Total Acid Number (TAN)	ASTM D-974	mg KOH/g	0.67
Flash Point (COC)	ASTM D-92	°C	220
Pour Point	ASTM D-97	°C	-24

Values are typical and based on laboratory test results.

Handling & Storage

- Store in a clean, dry, covered area
- Avoid ingress of dust, dirt, and moisture
- Keep containers tightly closed when not in use

Disclaimer

The information provided herein is based on laboratory evaluation and is intended as a guide only. Actual performance may vary depending on system design, operating conditions, and maintenance practices.