



Gulf Harmony HLP 68

Anti-wear hydraulic oil

Product Description

Gulf Harmony HLP 68 is a superior quality anti-wear hydraulic oils developed for moderate to high pressure hydraulic systems operating varying performance conditions in mobile and industrial service. These oils are formulated with best quality base oils with synergistic combination of performance additives to offer balanced real-time benefits in terms of wear resistance, corrosion protection, resistance to oxidation and other. They also possess superior foam control, water separation and rapid air release properties.

Features & Benefits

- Optimized resistance to wear and tear ensuring proper system health and prolonged life of various components like pumps and cylinders
- Extended protection from corrosion enhancing the system life with reducing abnormal system failures
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems
- Resistance to foaming and good demulsibility characteristics to ensure trouble-free operations

Applications

- Hydraulic systems being driven by various pump types like geared, vane and piston pumps with moderate anti-wear performance requirements.
- Older hydraulic systems where leakage is a problem and a cost-effective hydraulic oil providing all-round protection is required.
- Hydraulic systems of various mobile equipments like tippers, trucks, trailers, excavators and other HEMMs
- Hydraulic lubrication of various stationary machines like CNCs, VMCs, HMCs and special purpose machining centers
- Other industrial applications where lubrication with mild wear protection is required.
 - Circulating oil systems
 - Plain and rolling element bearings
 - General Machine lubrication

Specifications, Approvals & Typical Properties

ISO Viscosity grades		68
Specifications		
DIN 51524 Part 2-HLP		
ISO 11158 HM		
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 40 °C, cSt	D 445	68
Viscosity Index	D 2270	112
Flash Point, °C	D 92	246
Pour Point, °C	D 97	-30
Density @ 15°C, Kg/l	D 1298	0.8564
Rust Test	D 665A	Pass
Emulsion Test 30 minutes max, @ 54 °C	D 1401	Pass
Foam Test, foam after 10 minutes of settling for all sequences	D 892	Nil
FZG, fail load stage, minimum	DIN 51354 Part II	11

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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