

SRN LUBRICANTS PRIVATE LIMITED

PRODUCT DATA SHEET



CIIFROL HYDREX HLP SERIES

Description:

Ciifrol Hydrex HLP series Oils are premium quality, extra heavy-duty anti-wear hydraulic oils designed for mobile and stationary high pressure systems. These oils are made from highly refined Group II base oils and high performance additive packages for very good performance in the field. The high quality base oils provide excellent Thermal and oxidation stability thereby increasing oil life remarkably. These base oils have inherently high Viscosity index and are therefore highly suitable for operations where wide temperature fluctuations may be encountered. The premium quality additive package provides extra heavy duty performance, enhanced anti-wear characteristics, outstanding load bearing characteristics and very good demulsibility. These oils are currently available in viscosity grades of 32, 46, 68 and 100.

Applications:

These oils are recommended for high pressure hydraulic systems using vane, piston or gear pumps on mobile and stationary equipment used in Industrial construction, Agriculture and Mining. Ciifrol Hydrex HLP oils are also suitable for enclosed gears operating under medium to high load conditions as well as industrial circulating systems where Rust and oxidation inhibited oils are recommended. These oils are found to provide very satisfactory performance in compressor applications where adequate viscosity is matched. Ciifrol Hydrex HLP 68 is used extensively for screw compressor lubrication and Hydrex HLP 100 is used in cylinder lubrication of reciprocating air & gas compressors handling dry air.

Specifications:

This is a propriety formulation of SRN Lubricants and they meet the requirements of German standard DIN: 51524 Part II (HLP Type), Hagglunds Denison HF-0 filterability requirement, Vickers 1-286-S and M-2950-S. tests as well as U.S. Steel 127 specifications.

Benefits:

- Low Compressibility , volatility and foaming tendency
- Good thermal capacity and conductivity
- Good Viscosity temp. characteristics for wide operating temperatures.
- Excellent demulsibility and hydrolytic stability
- Outstanding Anti-wear , anti-corrosion and antirust characteristics
- Very low pour point which will enable its use over wide temperature range.

TYPICAL PROPERTIES

CIIFROL HYDREX HLP SERIES				
ISO GRADE	32 HLP	46 HLP	68 HLP	100 HLP
Viscosity at 40°C, cSt	28-36	42-50	62-72	95 – 105
Viscosity Index	114	115	115	110
Flash Point, COC, °C	210	220	220	230
Pour Point, °C	(-)18	(-)18	(-)18	-12
Foaming Tendency	Pass	Pass	Pass	Pass
Rust Prevention Characteristics	Pass	Pass	Pass	Pass
FZG Gear Test, Failure Stage	10	10	10	10
Emulsion Test Max 40-37-3 (D 1401)	20 min	20 Min	25 Min	25 Min

Disclaimer:

The above given values are typical results; however the guaranteed specifications values are different and often lower than the typical values. For the guaranteed specifications, please discuss with SRN Lubricants representative or visit our website www.ciifrol.co.in

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