# TECHNICAL DATA SHEET

## CIIFROL COMPRESS HLP SERIES

**Zinc-Free Heavy-Duty Anti-Wear Hydraulic Oils**

## DESCRIPTION

Ciifrol Compress HLP series Oils are premium quality, Zinc free, 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, and 68. Ciifrol Compress HLP 68 is used extensively for screw compressor lubrication as well.

## 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 Compress 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.

## 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
- Ashless – Zinc and Calcium Free
- 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

| Property | HLP 32 | HLP 46 | HLP 68 |
|---|---|---|---|
| Viscosity at 40°C, cSt | 28-36 | 42-50 | 62-72 |
| Viscosity Index | 114 | 115 | 115 |
| Flash Point, COC, °C | 190 | 190 | 210 |
| Pour Point, °C | (-)18 | (-)18 | (-)18 |
| Foaming Tendency | Pass | Pass | Pass |
| Rust Prevention Characteristics | Pass | Pass | Pass |
| Air release value | 10 min | 10 Min | 10 Min |

## PRODUCT NOTE

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 them with SRN Lubricants representative.

The information provided in this Technical Data Sheet is based on our best knowledge and experience and is intended as a general guide. The technical data represents typical values and may vary depending on product batches, operating conditions and application methods.

Users are advised to refer to the latest Technical Data Sheet and Safety Data Sheet (SDS) for applicable product information.

Users are advised to evaluate the product for suitability for their specific application and to follow recommended handling, storage and safety practices. CIIFROL accepts no responsibility for any loss, damage or injury resulting from improper, unintended or abnormal use of the product or conditions beyond its reasonable control.

Address: Plot No. 24, Sector 75, Vill. Darbaripur, Sub-Dist. Badshahpur, Dist. Gurugram, Haryana – 122101

Phone: +91 9727179657 | +91 7900794747 | +91 8822350009

Email: info@ciifrolglobal.com