



SRN LUBRICANTS PRIVATE LIMITED

PRODUCT DATA SHEET



CIIFROL SYNCOMP SERIES

Description:

Ciifrol Syncomp series Oils are premium quality, extra heavy-duty synthetic blended compressor cum hydraulic oils designed for mobile and stationary high pressure systems. These oils are made from severely Hydro cracked (synthetic blended) 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.

Applications:

Ciifrol Syncomp oils are truly multipurpose oils useful in multiple applications based on their versatility. These oils are recommended for new generation screw compressors, geared Turbines and high pressure hydraulic systems using vane, piston or gear pumps on mobile and stationary equipment used in Industrial construction, Agriculture and Mining. Ciifrol Syncomp oils are also suitable for enclosed gears operating under medium load conditions as well as industrial circulating systems. These oils are found to provide very satisfactory performance in compressor applications where adequate viscosity is matched. Ciifrol Syncomp 68 is used extensively for screw compressor lubrication.

Specifications:

This is a propriety formulation of SRN Lubricants and they meet the following requirements - German standard DIN: 51524 Part II (HLP Type), Hagglands Denison HF-0 filterability requirement, Vickers 1-286-S and M-2950-S. In addition they also meet the following specifications DIN 51515 (Turbine Specs) and DIN 51517 (Gear Specs) tests as well as U.S. Steel 127 specifications.

Benefits:

- Low Compressibility, volatility and foaming tendency
- Good thermal capacity and conductivity
- Good Viscosity temperature 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 SYNCOMP SERIES			
ISO GRADE	32	46	68
Viscosity at 40°C, cSt	30-34	44-48	66-70
Viscosity Index Min	130	130	130
Flash Point, COC, °C	210	230	240
Pour Point, °C	(-)16	(-)14	(-)12
Foaming Tendency	Pass	Pass	Pass
Rust Prevention Characteristics	Pass	Pass	Pass
FZG Gear Test, Failure Stage	10	10	10
Emulsion Test Max 40-37-3 (D 1401)	20 min	20 Min	25 Min
Air Release @ 50 Deg C in Min	3 Min	3.5 Min	4.5 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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