



CHALLOILS Series COMPRIX SYNT

Synthetic lubricants for air compressors

Product Description:

The **COMPRIXSYNT** are totally synthetic lubricants formulated for use in rotary air compressors. The special synthetic base stock used impart a high lubricity such as to ensure a high mechanical efficiency with an increase in the life of mechanical components.

The natural characteristics of low pour point, high viscosity index exalt all those features related to these parameters such as, better cold starting, reduced wear, maintenance of viscosity over a wide range of thermal excursions.

The ISO grades 32 and 46 are most suitable for use in screw compressors with at least 8,000 hours of interval between changes.

The ISO 68 grade is recommended in non-lubricated screw compressors where the change interval can spend 30,000 hours, or in high power systems and high pressure (above 10 bar).

Features and Benefits:

- Provide long service time.
- Very high protection against the formation of deposits at high temperatures, in particular on those compressors operating under severe conditions where they can reach in service durations four times higher than the normal mineral lubricants.

Specifications and Approval:

Exceeds requirements: **DIN 51506 VD-L; ASTM D-665**

Typical properties:

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ISO Viscosity Grade	32	46	68
Viscosity ASTM D-445			
cSt @ 40°C	30,5 – 32,6	42,4 – 46,4	63,2 – 68,5
Pour Point, °C, ASTM D-97	-57	-54	-51
Density @ 15°C, Kg/l, ASTM D-1298	0,875	0,880	0,885
Flash Point, °C, ASTM D- 92	230	240	245
Viscosity Index, ASTN D-2270	105	105	105

Health and Safety:

The data related to health, safety and environmental protection are provided in the material safety data sheets.

The above figures are those relating to normal manufacturing tolerances and do not constitute a specification.

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