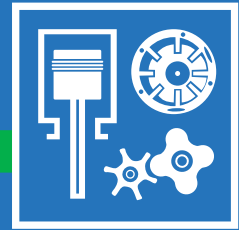


CPI®-9301 Series

Air Compressor Lubricants



Description

The **CPI®-9301** Series compressor lubricant is formulated using Group III hydrocracked oil and diester base fluid, coupled with a high performance additive package to ensure maximum compressor performance.

This compressor lubricant features excellent thermal and oxidation stability enabling it to perform successfully over a range of operational temperatures without degradation. The utilization of a diester within the formulation ensures that the propensity for varnishes and deposits within a system are kept to a minimum.

The **CPI®-9301** Series compressor lubricant is specifically advantageous in high temperature applications, particularly as the low volatility means that there is significantly reduced lubricant in the air stream and any degradation at high thermal temperatures will not result in any detrimental varnishes or deposits.

Applications and Compressor Type

- Rotary screw compressors
- Vacuum pumps

Features and Benefits

Oxidatively and thermally stable

Extremely low volatility

Excellent lubricity

Longer system life

Reduced maintenance, reduced top-up

Increased efficiency, reduced cost of operation

Test Procedure	ASTM Test Method	CPI®-9301-46
ISO VG		46
Density, g/mL	D4052	
20.0°C		0.852
Water Content, ppm	D6304	24
Total Acid Number, mgKOH/g	D974	0.09
Flash and Fire Point,	D92	
Flash Point °C		246
Fire Point °C		260
Autoignition Temperature °C	E659	365
Kinematic Viscosity, cSt	D445	
40°C		47.8
100°C		7.6
Viscosity Index	D2270	133
Pour Point, °C	D97	-24
Air Release	D3427	
mL		2.5
Conradson Carbon Residue	D189	
% Residue		0.000
Noack Volatility	D972	
% Loss		3.4
Rust Test	D665	
A - Distilled Water		Pass
B - Salt Water		Pass

This product is also available in other viscosities and in a variety of packages. Additional test data is available on request. Please contact CPI for more information.

CPI is a world leader in the synthetic lubricants industry with operations in North America, Europe, Africa and Asia Pacific regions.

In addition to our CPI®-9301 lubricants, we also offer a comprehensive range of Industrial Lubricants for Process gas, Hydrocarbon gas, Air Compressors, Vacuum Pumps, Hydraulics, Gears, Chains, Turbine, Landfill Gas, Field Gas, Chemical Process and many NSF H1 & H2 Food Grade applications.

We also offer lubricants for any refrigeration application including HFC, HCFC and HFO refrigerants, domestic and automotive air conditioning, commercial and industrial refrigeration and low Global Warming Potential (GWP) refrigerants such as Carbon Dioxide, other Hydrocarbons and Ammonia.

CPI is ISO 9001 and ISO 14001 accredited and also registered for the production of Halal, Kosher and Pareve products.