Product Data Sheet

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PETRONAS PRESSOL SYN PR

Synthetic Compressor Lubricant

PETRONAS PRESSOL SYN PR SERIES are long-life Diester air compressor lubricants designed to operate over high temperature and provide long-term lubrication with minimal deposit formation.

PETRONAS PRESSOL SYN PR SERIES is formulated with the latest additives technology offers many significant advantages over petroleum base oils in compressor applications. PETRONAS PRESSOL SYN PR Series meets the formal USDA H2 requirement suitable for food and beverage processing plant applications.

Applications

Recommended for the lubrication of:
- Oil flooded rotary screw, piston reciprocating and vane compressors.
- Process gas compressors and vacuum pumps for the following gases: air, dry carbon dioxide, dry hydrogen sulphide, propane, carbon monoxide, furnace (crack) gas, helium, hydrogen, propane, methane, natural gas, nitrogen, butadiene, synthesis gases.

Features and Benefits

- Eliminate seasonal oil changes thus reducing maintenance and part costs
- Superb deposit and sludge control and will not varnish or form carbon deposit
- Outstanding thermal and oxidation stability
- Greatly reduces fire and explosion hazard
- Lower oil and energy consumption

Typical Properties

Characteristics	32	46	68	100	150
Kinematic Viscosity, cSt					
@ 40 °C	30	46	64	99	159
@ 100 °C	5.43	6.5	7.4	10.4	13.0
Density, @ 15.6 °C, Kg/L	0.92	0.96	0.95	0.96	0.95
Flash Point, °C	>235	>235	>235	>240	>240
Pour Point, °C	-56	-54	-33	-35	-30
Evaporation, 22hrs @ 99°C, % loss	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Residue, %	0.02	0.02	0.02	0.02	0.02
Copper Corrosion	1a	1a	1a	1a	1a
Demulsibility @ 54 °C,ml	39/37/4	40/38/2	40/37/3	39/38/3	40/37/3
Oil/water/emulsion (min)	(15)	(<30)	(15)	(<60)	(<60)

* All technical data is provided for reference only.

Health, Safety and Environment

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.