

PETRONAS COMPRESSOR A SYN PAG SERIES

Supreme Performance (PAG) Industrial Air Compressor Oil

PETRONAS Compressor A SYN PAG Series are supreme performance air compressor oils specially developed for up to 8,000 hours oil life in service, even when operating at maximum discharge temperatures up to 120°C.

Formulated with a mix of high viscosity index Polyalkylene Glycol (PAG) and Polyol ester (POE) synthetic base oils enhanced with advanced anti-oxidant, anti-wear (zinc-free), anti-rust anti-foam, PETRONAS Compressor A SYN PAG oils provide excellent varnish and deposits control, excellent thermal and oxidation stability for long lasting performance.

PETRONAS Compressor A SYN PAG Series meets or exceeds key industrial specifications.

Applications

PETRONAS Compressor A SYN PAG Series are recommended for use in:

- all types of compressors in costal, marine and harsh chemical environments
- other compressor applications specially high temperature environments

Note: PETRONAS Compressor A SYN PAG Series are NOT compatible with mineral compressor oils.

Features and Benefits

Features	Benefits
Excellent varnish and deposits control	Maintains excellent internal surface cleanliness, controls varnish formation providing longer equipment life
Excellent thermal and oxidation stability	Maintains performance levels under high temperatures and pressure, enabling long oil drain intervals
Very low pour point	Avoids deposits formation in the evaporator
Excellent low volatility	Reduces maintenance and oil consumption
Excellent rust & corrosion protection	Inhibits the corrosion process that occurs in presence of water, improving equipment life
Very good anti-wear protection	Protects equipment components from excessive wear and provides longer equipment life
High air release and foam stability	Maintains excellent efficiency in compressors and ensures smooth operation of the system thanks to fast air release. Protects the system from air degenerative effects reducing maintenance costs
High water separability	Due to High water separability the system is protected from water degenerative effects, maintaining system efficiency at required level and reducing maintenance costs
High multi metal compatibility	Compatible with most metal alloys ensuring trouble free performance of the system
High compatibility with most seal and elastomers	Compatible with most seals and elastomers, which prevents oil leaks and contamination due to seal erosion

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Typical Properties

Characteristic	Method	Specification	32	46
Specific Gravity @ 15 °C	ASTM D4052	(1)	0,986	0,991
Kinematic Viscosity at 40°C, cSt	ASTM D445	(1)	32	46
Kinematic Viscosity at 100°C, cSt	ASTM D445	(1)	6,8	9,1
Viscosity Index, min	ASTM D2270	(1)	179	184
Flash Point	ASTM D92	(1)	260	270
Pour Point, max °C	ASTM D97	(1)	-51	-54
TAN, mgKOH/g	ASTM D664	(1)	0,07	0,07
Noack Volatility, % Loss	ASTM D972	(1)	5,9	4,8
Rust Test, A - Distilled Water	ASTM D665	(1)	Pass	Pass
RPVOT, mins	ASTM D2272	(1)	4000	4000

All technical data is provided for reference only / (1): not required in specification / SS is available upon request including quality control limits

Performance Levels

- ISO 6743-3: DAJ

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Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at: www.pli-petronas.com

Important Note

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