

# PETRONAS COMPRESSOR A M2 SERIES

## High Performance Air Compressor Oil

PETRONAS Compressor A M2 Series are high performance air compressor oils specially developed for up to 2,000 hours oil life in service, even when operating at maximum discharge temperatures up to 100°C.

Formulated with high quality selected mineral base oils enhanced with advanced anti-oxidant, anti-wear (zinc free), anti-rust and anti-foam additives, PETRONAS Compressor A M2 oils provide very good varnish and deposit control, very good thermal and oxidation stability for long lasting performance.

PETRONAS Compressor A M2 Series meets or exceeds key industrial specifications.

### Applications

PETRONAS Compressor A M2 Series are recommended for use in:

- reciprocating, rotary screw and rotary vane compressors with critical gears and bearings
- compressors used in stationary and mobile applications

### Features and Benefits

Features	Benefits
Very good varnish and deposit control	Maintains very good internal surface cleanliness, controls varnish formation providing longer equipment life
Very good thermal and oxidation stability	Maintains performance levels under regular temperatures and pressure, enabling long oil drain intervals
Very good 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
Very good air release and foam stability	Maintains good 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
Very good water separability	Due to good water separability the system is protected from water degenerative effects, maintaining compressor 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

# PETRONAS COMPRESSOR A M2 SERIES

## High Performance Air Compressor Oil

### Typical Properties

Characteristic	Method	Specification	32	46	68	100
Specific Gravity @15°C	ASTM D 4052	(1)	0,865	0,868	0,870	0,872
Kinematic Viscosity at 40°C, cSt	ASTM D 445	±10%	32	46	68	100
Kinematic Viscosity at 100°C, cSt	ASTM D 445	**	5,4	6,8	8,8	11,2
Viscosity Index	ASTM D 2270	(1)	102	102	102	97
Flash Point, °C	ASTM D 92	**	220	220	240	240
Pour Point, °C	ASTM D 97	Max. -9	-33	-33	-30	-27
TAN, mgKOH/g	ASTM D 664	Report	0,09	0,09	0,09	0,09
Water Separability, 40/37/3 - mins	ASTM D 1401	(1)	15	15	20	25
Copper Strip Corrosion	ASTM D 130	(1)	1b	1b	1b	1b
Foam Sequence I, mL	ASTM D 892	(1)	0/0	0/0	0/0	0/0
Foam Sequence II, mL		(1)	0/0	0/0	0/0	0/0
Foam Sequence III, mL		(1)	0/0	0/0	0/0	0/0
RPVOT, mins	ASTM D 2272	(1)	1500	1500	1500	1500

All technical data is provided for reference only and all specification based on DIN 51506 VDL

\*\*Individual limits accordingly with each viscosity grade / (1): not required in specification / SS is available upon request including quality control limits

### Performance Levels

- DIN 51506 VDL

# PETRONAS COMPRESSOR A M2 SERIES

## High Performance Air Compressor Oil

### 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](http://www.pli-petronas.com)

### Important Note

The word PETRONAS, the PETRONAS logo and such other related trademarks and/or marks used herein are trademarks or registered trademarks of PETRONAS Lubricants International Sdn. Bhd. ("PLISB"), or its subsidiaries or related Holding Corporation under license unless indicated otherwise. The PLI Documents and the information contained herein is believed to be accurate as of the date of printing. PLISB makes no express or implied representation or warranties as to its accuracy or completeness or information in or any transaction performed. The PLI Documents information provided is based on standard tests under laboratory conditions and is given only as a guide. Users are advised to ensure that they refer to the latest version of these PLI Documents. It is the responsibility of the users to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations imposed by the respective local authorities.

Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling and disposal of the product. No responsibility shall be taken by either PLISB or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortious action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representative in the event you require any further information.