TECHNICAL DATA SHEET

AIMOL COOLTECH PAO

Premium ammonia compressor lubricant

DESCRIPTION

AIMOL COOLTECH PAO are ammonia compressor fluids formulated specifically for ammonia refrigeration. They combine low temperature fluidity with very low solubility in ammonia to provide superior lubrication for ammonia compressors.
Thanks to the low volatility users will experience up to 80% less oil consumption in comparison to naphthenic products. Compared to naphtenic oils the lifetime of the oil can be extended with factor 5, depending on the condition of the equipment and system temperature.

BENEFITS

- Excellent thermal and oxidation stability and long life in ammonia systems
- Very high viscosity index for better compressor protection at elevated temperatures
- Very high flash & auto-ignition points for added safety
- Better equipment efficiency thanks to low volatility and carry over into evaporators
- Excellent film strength and anti wear properties
- Very long life fluid allows for extended oil drains
- Excellent carbon and varnish control to help reduce deposits
- Excellent rust & corrosion control

APPLICATIONS

- **AIMOL COOLTECH PAO** synthetic ammonia compressor lubricants are used in all types of ammonia compressors.
- **AIMOL COOLTECH PAO 50** has enhanced pour point for lower temperatures

TYPICAL FIGURES

	AIMOL COOLTECH PAO 60	AIMOL COOLTECH PAO 100	AIMOL COOLTECH PAO 50
Colour	<0,5	<0,5	<0,5
Density @ 20 °C, kg/l	0,87	0,88	0,88
Viscosity Index	115	113	135
Viscosity @ 40 °C, cSt	67	90	47
Viscosity @ 100 °C, cSt	9.2	11.2	7,8
Flash point, °C	225	216	230
Auto-ignition point, °C	360	341	368
Pour point, °C	-41	-35	-63
Copper strip corrosion, 24 hrs @ 100 °C	1a	1a	1a
Demulsibility, 55 °C, 30 min	40/40/0	40/40/0	40/40/0

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Cooltech PAO has no adverse health effects provided it is used as directed.

DISCLAIMER

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.

ANGLO INTERNATIONAL MINING B.V
Haringvliet 543, 3011 ZP Rotterdam
info@aimol.nl
The Netherlands

T +31 (0)10 28 27 927
E-mail:
www.aimol.nl

MADE IN HOLLAND