

Anderol[®] 3057M

Anderol[®] Industrial lubricants compressors and vacuum pumps

Description

Synthetic Compressor Lubricant

Anderol[®] 3057M is a PAO/ester based compressor lubricant that was designed to provide long-term lubrication of both rotary-vane and oil-flooded screw compressors.

Anderol[®] 3057M meets or exceeds the following specifications:
DIN 51506 VDL, ISO 6743-3 L-DAJ

Anderol[®] 3000 range is available in the grades ISO VG 32, 46, 57, 68, 100 and 150.

Features and Benefits

- Fewer oil changes for reduced maintenance.
- Very good performance in conditions of high humidity.
- Resistance to oxidation with reduced compressor varnish and deposits.
- Greatly reduces fire and explosion hazard.
- Lower oil consumption.
- Longer service life and greater protection of compressor components.
- Reduces operating temperatures.

Compatibility

The following seals, paints and plastics are recommended for use in contact with **Anderol[®]** synthetic lubricants. Materials not recommended are also shown. For more information on other materials see our 'Compatibility Guide'.

RECOMMENDED:

Viton, High Nitrile Buna N, Teflon, Epoxy Paint, Oil-Resistant Alkyd, Nylon, Delrin, Celcon, PBT

NOT RECOMMENDED:

Neoprene, SBR Rubber, Low Nitrile Buna N, Acrylic Paint, Lacquer, Polystyrene, PVC, ABS



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Application

Recommended for use in compressors such as:

- Oil flooded rotary screw compressors
- Oil flooded rotary vane compressors

Anderol[®] 3057M Can be used for the compression of Air, Helium and hydrocarbon gasses containing fractions of acidic components such as H₂S.

Especially recommended for railway brake systems.

Nominal operating range is -20°C to 205°C.

Approvals

- Knorr Bremse
- Sab Wabco



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Technical data*

PROPERTY	METHOD	ANDEROL 3057M
ISO VG	ASTM D-2422	57
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	55.5
Viscosity @ 100°C, cSt	ASTM D-445	8.5
Viscosity Index	ASTM D-2270	126
Density @ 15°C, kg/l	ASTM D-1298	0.864
Total Acid Number, mg KOH/g	ASTM D-664	0.07
Flash Point, °C	ASTM D-92	266
Pour Point, °C	ASTM D-97	-54
Demulsibility @ 54 °C, min	ASTM D-1401	15
Sulphated ash	DIN 51575	0.018
Air Release, 50 °C	ASTM D-3427	3
4-Ball Wear	ASTM D-4172	0.38
Viscosity @ -25°C, cSt	ASTM D-445	7355
Evaporation loss, 100 °C, 22 hrs, %	ASTM D-972	0.16

*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol[®] 3057M**
For registrations, certificates and approvals please refer to anderol.com

® = registered trade mark

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