

ANDEROL 3057M

Synthetic Compressor Lubricant

Product Data Sheet



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 DIN 51506 , ISO 6743-3 L-DAJ

ANDEROL 3000 range is available in the grades ISO VG 32, 46, 57, 68, 100 and 150.

ADVANTAGES / 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

APPROVALS

- Knorr Bremse
- Sab Wabco

COMPATIBILITY

The following seals, paints and plastics are recommended for use in contact with Anderol Company 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, Polystrene, PVC, ABS

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 for Anderol 3057M is -20°C to 205°C.

PROPERTIES	TEST METHOD	ANDEROL 3057M
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	52.8
Viscosity @ 100°C, cSt	ASTM D-445	8.0
Viscosity Index	ASTM D-2270	121
Density @ 15°C, kg/l	ASTM D-1298	0.869
Total Acid Number, mg KOH/g	ASTM D-664	0.05
Flash Point, COC, °C	ASTM D-92	258
Pour Point, °C	ASTM D-97	-54
Demulsibility @ 54°C,min	ASTM D-1401	15
Air Release, 50°C	ASTM D 3427	3
Sulphated Ash Content	DIN 51575	0.018
Four 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

FOR MORE INFORMATION PLEASE REFER TO THE RELEVANT MATERIAL SAFETY DATA SHEET

APPROVALS / REGISTRATIONS



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