



# PRODUCT DATA SHEET

## ANDEROL 3057M

### Synthetic Compressor Lubricant



#### ADVANTAGES/BENEFITS

ANDEROL® synthetic lubricants are the only long-life synthetic lubricants with over 70 years of successful performance.

- 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

#### 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 gases 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

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.

PROPERTIES	TEST 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

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

#### REGISTRATIONS



This information is furnished without warranty, representation, inducement, or license of any kind except that it is accurate to the best of OUR knowledge or obtained from sources believed by ANDEROL® to be accurate. ANDEROL® does not assume any legal responsibility for use of reliance upon it. Only Chemists or chemically qualified lab technicians should carry out tests. Before using any chemicals, read its label and Material Safety Data Sheet.

# ANDEROL®

Specialty Lubricants

Groot Egtenrayseweg 23, 5928 PA Venlo, The Netherlands • Tel: +31 (0)77 3960340 • [www.anderol-europe.com](http://www.anderol-europe.com)