



# PRODUCT DATA SHEET

## ANDEROL 555

### Synthetic Compressor Lubricant



#### ADVANTAGES/BENEFITS

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

- No metal additives to interfere with catalytic processes
- Fewer oil changes
- Increases maintenance intervals
- Greatly reduces fire and explosion hazard
- Separates water condensate rapidly
- Lower oil consumption
- Eliminates lacquering and deposits
- Reduces energy consumption
- Eliminates valve cleaning
- Excellent lubricity

#### COMPATIBILITY

ANDEROL 555 is fully miscible with mineral oils, although dilution with mineral lubricants will markedly reduce its performance.

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

- Air
- Butadiene
- Carbon Monoxide
- Carbon Dioxide (dry)
- Ethylene
- Helium
- Hydrogen
- Natural gas
- Methan
- Nitrogen
- Propane

Cylinder and crankcase lubrication for reciprocating compressors, vane compressors and vacuum pumps.

Nominal Operating Range -15°C to 210°C.

ANDEROL 555 is an ISO 100 synthetic di-ester based compressor lubricant specifically designed to provide long-term lubrication in air and process gas compressors.

ANDEROL 555 meets or exceeds the following specifications:

BAM Recommended  
DIN 51506 –VDL  
ISO 6743-3 L- DVC

PROPERTIES	TEST METHOD	ANDEROL 555
ISO VG	ASTM D-2422	100
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	103
Viscosity @ 100°C, cSt	ASTM D-445	9.9
Viscosity Index	ASTM D-2270	66
Density @ 15°C, kg/l	ASTM D-1298	0.957
Total Acid Number, mg KOH/g	ASTM D-664	0.04
Flash Point, °C	ASTM D-92	250
Pour Point, °C	ASTM D-97	-33
Demulsibility @ 82°C, min	ASTM D-1401	10
Evaporation, 22 hrs @ 100°C, %	ASTM D-972	0.16
Sulphated ash	DIN 51575	0.02
% CRC of 20% dest	DIN 51536	0.12
Air release at 50°C (min.)	ASTM D-3427	<1
Rust prevention	ASTM D-665A	Pass
Rust prevention	ASTM D-665B	Pass



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

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