

# ANDEROL 555

## Synthetic Compressor Lubricant

### Product Data Sheet



ANDEROL 555 is an ISO 100 synthetic diester based compressor lubricant specifically designed to provide longterm lubrication in air and process gas compressors.

ANDEROL 555 meets or exceeds the following specifications:

BAM Approval  
DIN 51506

#### ADVANTAGES / BENEFITS

ANDEROL synthetic lubricants are the only long-life synthetic lubricants with over 60 years of successful performance.

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

#### 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

Cylinder and crankcase lubrication for reciprocating compressors, vane compressors and vacuum pumps for the following gases:

- Air
- Butadiene
- Carbon Monoxide
- Fumace (crack) gas
- Carbon Dioxide (dry)
- Ethylene
- Helium
- Hydrogen
- Hydrogen Sulfide (dry)
- Natural gas
- Methane
- Nitrogen
- Propane
- Synthesis Gas
- Sulfur Hexafluoride

Nominal Operating Range -15°C to 210 °C

#### APPROVALS

- ABAC
- ALKIN
- ALUP
- BAG
- Becker
- Busch
- Bosch (used by)
- Compair
- Deno Compressors
- Gardner Denver/  
Hamworthy
- Instituto Iperbarico
- Leybold
- Matsubara
- Nautilus
- Spere
- Thomassen
- Tanabe
- Telstar
- TEPRO
- UOP

#### PRODUCT SPECIFICATIONS

PROPERTIES	TEST METHOD	ANDEROL 555
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	93.5
Viscosity @ 100°C, cSt	ASTM D-445	9.1
Viscosity Index	ASTM D-2270	61
Density @ 15°C, kg/l	ASTM D-1298	0.957
Total Acid Number, mg KOH/g	ASTM D-664	0.05
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

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

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 **ANDEROL**  
Specialty Lubricants



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