

Anderol[®] 555

Anderol[®] Industrial lubricants compressors and vacuum pumps

Description

Synthetic Compressor Lubricant

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 and vacuum pumps.

Anderol[®] 555 meets or exceeds the following specifications:

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

Features and Benefits

- 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



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Application

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

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

Nominal Operating Range -15°C to 210 °C

Technical data*

PROPERTY	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

*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol[®] 555**
For registrations, certificates and approvals please refer to anderol.com

® = registered trade mark

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