

### Anderol<sup>®</sup> 500

Anderol<sup>®</sup> Industrial lubricants compressors and vacuum pumps

#### Description

##### Synthetic Compressor Lubricant

**Anderol<sup>®</sup> 500** 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<sup>®</sup> 500** meets or exceeds the following specifications:

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.

#### Compatibility

The following seals, paints and plastics are recommended for use in contact with **Anderol<sup>®</sup>** 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 500
ISO VG	ASTM D-2422	100
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	104.3
Viscosity @ 100°C, cSt	ASTM D-445	10.4
Viscosity Index	ASTM D-2270	76
Density @ 15°C, kg/l	ASTM D-1298	0.96
Total Acid Number, mg KOH/g	ASTM D-664	0.07
Flash Point, °C	ASTM D-92	242
Pour Point, °C	ASTM D-97	-33
Demulsibility @ 54°C, min	ASTM D-1401	25

*\*The analytical data are guide values.*



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Consult safety data sheet (SDS) for additional handling information on **Anderol<sup>®</sup> 500**  
For registrations, certificates and approvals please refer to [anderol.com](http://anderol.com)

® = registered trade mark

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North America  
+1.833.LANXESS  
[customer.care@lanxess.com](mailto:customer.care@lanxess.com)

Europe, Middle East & Africa  
+31.77.396.0340  
[customerservice@anderol.com](mailto:customerservice@anderol.com)

South & Central America  
+55.19.3522.5083  
[atendimento.cliente@lanxess.com](mailto:atendimento.cliente@lanxess.com)

Asia Pacific  
+86.21.6109.6666  
[Orders.apac@lanxess.com](mailto:Orders.apac@lanxess.com)

