

Anderol[®] 3100

Anderol[®] Industrial lubricants compressors and vacuum pumps

Description

Synthetic Compressor Lubricant

Anderol[®] 3100 is an ISO 100 compressor lubricant based on synthetic esters and synthetic hydrocarbon (PAO) with a specially developed additive system providing excellent oxidative and thermal stability.

Anderol[®] 3100 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.

Features and Benefits

- Fewer oil changes.
- Increases maintenance intervals.
- 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



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Application

Lubrication of oil flooded screw, axial and centrifugal compressors, or any other application requiring an oxidation resistant lubricant.

Anderol[®] 3100 can be used in the presence of following gasses:

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

Approvals

- Cincinnati Milacron
- ABAC
- ALUP
- Tanabe



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Technical data*

PROPERTY	METHOD	ANDEROL 3100
ISO VG	ASTM D-2422	100
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	102.8
Viscosity @ 100°C, cSt	ASTM D-445	12.9
Viscosity Index	ASTM D-2270	120
Density @ 15°C, kg/l	ASTM D-1298	0.875
Total Acid Number, mg KOH/g	ASTM D-664	0.04
Flash Point, °C	ASTM D-92	274
Pour Point, °C	ASTM D-97	-45
Demulsibility @ 82 °C, min	ASTM D-1401	10
Determination for rust preventive properties in water Proc A	DIN ISO 7120	Pass
Sulfate Ash content (wt %)	DIN 51575	<0.01

*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol[®] 3100**
For registrations, certificates and approvals please refer to anderol.com

® = registered trade mark

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