

Anderol[®] Syncomp DE HSL 100

Anderol[®] Industrial lubricants compressors and vacuum pumps

Description

Synthetic "label free" Compressor Lubricant

Anderol[®] Syncomp DE HSL 100 is an ISO 100 synthetic di-ester based "label free" compressor lubricant specifically designed to provide long-term lubrication in air and process gas compressors and vacuum pumps.

Anderol[®] Syncomp DE HSL 100 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[®] Syncomp DE HSL 100 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 Syncomp DE HSL 100
ISO VG	ASTM D-2422	100
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	102.7
Viscosity @ 100°C, cSt	ASTM D-445	10.0
Viscosity Index	ASTM D-2270	69
Density @ 15°C, kg/l	ASTM D-1298	0.947
Total Acid Number, mg KOH/g	ASTM D-664	0.07
Flash Point, °C	ASTM D-92	245
Pour Point, °C	ASTM D-97	-33
Demulsibility @ 82°C, min	ASTM D-1401	10
Evaporation, 22 hrs @ 100°C, %	ASTM D-972	<0.1
Sulphated ash	DIN 51575	0.001
% CRC of 20% dest	DIN 51536	0.05
Air release at 75°C (min.)	ASTM D-3427	<1
Rust prevention	ASTM D-665A	Pass
Rust prevention	ASTM D-665B	Pass
Cu corrosion	ASTM D-130	1A

*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol[®] Syncomp DE HSL 100**
For registrations, certificates and approvals please refer to anderol.com

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