

ANDEROL PRODUCT DATA SHEET

ANDEROL[®] 423

SYNTHETIC EXTREME LOW TEMPERATURE OIL

GENERAL INFORMATION

ANDEROL 423 (ISO Grade 5) is a low viscosity synthetic diester-based lubricating oil formulated to provide low starting and running torques at temperatures down to -100°F.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	RESULTS
ISO Grade	ASTM D 2422	5
SAE Grade	SAE J 300	0W
Viscosity @ 40°C, cSt	ASTM D 445	5.23
100°C, cSt	"	1.78
-40°C, cSt	"	230
-68°C, cSt	"	5,000
Viscosity Index	ASTM 2270	210
Pour Point, °F (°C)	ASTM D 97	-105 (-76)
Flash Point, °F (°C)	ASTM D 92	360 (182)
Specific Gravity, 77°F (25°C)	ASTM D 1298	0.86
Evaporation, 22 hrs @ 210°F (99°C), %	ASTM D 972	3.0
Humidity Cabinet, hours, min.	ASTM D 1748	100

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For more information please refer to the relevant Material Safety Data Sheet accompanying each product.

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APPLICATIONS

- Impregnating fluid for sintered metal bearings, parts, and wicks
- General purpose low temperature lubrication
- Aircraft instruments
- Anti-friction bearings
- Measuring and dispersing meters and pumps
- Refrigeration accessory equipment
- Low temperature process oil
- Low temperature bath oil
- Vacuum pump oil

ADVANTAGES

- Excellent low temperature capabilities
- Very low starting and running torque
- Very Good oxidation stability
- Normal operating temperature range -100 to 250 F.
- Excellent corrosion and rust protection

COMPATIBILITY

The following seals, paints, and plastics are recommended for use in contact with Anderol Company 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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ANDEROL®
Specialty Lubricants

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