

# ANDEROL® 423

## SYNTHETIC EXTREME LOW TEMPERATURE OIL

### DESCRIPTION

**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 -50°C (-58°F).

### 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 -50°C to 150 °F.
- Excellent corrosion and rust protection

## TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL <sup>®</sup> 423
Viscosity, cSt		
@ 40°C	ASTM D 445	5.0
@ 100°C	ASTM D 445	1.8
@ -40°C	ASTM D 445	230
@ -54°C	ASTM D 445	835
Viscosity Index	ASTM D 2270	210
Pour Point, °C	ASTM D 97	-66
Flash Point, COC, °C	ASTM D 92	176
Specific Gravity, 25°C (77°F)	ASTM D 1298	0.87
Evaporation, 3 hrs @ 100°C	ASTM D 972	<1.0
Evaporation, 22 hrs @ 99°C (210°F), % loss	ASTM D 972	3.0
Humidity Cabinet, hours, min	ASTM D 1748	100

## COMPATIBILITY

The following seals, paints, and plastics are recommended for use in contact with Anderol Company Synthetic Lubricants. Materials not recommended are also shown. Please feel free to contact ANDEROL Technical Services for more detailed information.

**RECOMMENDED** - Fluorocarbon, High Nitrile Buna N, Polytetrafluoroethylene, Epoxy Paint, Oil-Resistant Alkyd, Nylon, Acetal Resin Copolymer, PBT

**NOT RECOMMENDED** - Neoprene, SBR Rubber, Low Nitrile Buna N, Acrylic Paint, Lacquer, Polystyrene, PVC, ABS

## PACKAGING

**ANDEROL<sup>®</sup> 423** is available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

A423: 101713BREV

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