

ANDEROL PRODUCT DATA SHEET

ANDEROL® 402

SYNTHETIC LUBRICATING OIL

GENERAL INFORMATION

ANDEROL 402 (ISO Grade 10/15) is a synthetic diester-based lubricating oil that meets both Mil-PRF-6085D and BOEING BMS 3-7C specifications.

TYPICAL PROPERTIES:

SALES SPECIFICATIONS				
PROPERTY	TEST METHOD	MIN	MAX	TYPICAL RESULTS
Viscosity @ 54.4°C, cSt	ASTM D-445	8.0	-	8.26
Viscosity @ -54°C, cSt	ASTM D-445	-	12,000	9,510
Flash Point, °C	ASTM D-92	205	-	227
Pour Point, °C	ASTM D-97	-	-62	-65

ADDITIONAL INFORMATION		
PROPERTY	TEST METHOD	TYPICAL RESULTS
ISO Viscosity Grade	ASTM D-2422	10/15
SAE Viscosity Grade	SAE J 300	5W
Viscosity, 40°C, cSt	ASTM D-445	12.4
100°C, cSt	ASTM D-445	3.5
-40°C, cSt	ASTM D-445	1,890
Viscosity Index	ASTM D-2270	175
Humidity Cabinet, hours	ASTM D-1748	>100
Evaporation, 22 hrs @ 210°F (99°C), % loss	ASTM D-972	0.6
Four-Ball Wear, 1200 rpm, 167°F (75°C), 40 kg, 1 hr, mm	ASTM D-4172	0.8
Four-Ball EP, Weld Point, kg	ASTM D-2783	100
Color, ASTM	ASTM D-1500	5.0
Density, lbs/gallon	ASTM D-1250	7.83

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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, & wicks
- Measuring and dispensing pumps and meters
- Mechanical spring and actuator mechanisms
- General-purpose low viscosity lubricating oil
- Low temperature oil
- Office, computing, and accounting machinery
- Gear lubrication (light duty)
- Anti-friction bearings
- Mold and die release agent

APPROVALS

Meets both Mil-PRF-6085D and BOEING BMS 3-7C specifications.

ADVANTAGES

- Excellent oxidation resistance
- Reduces friction for low-wear rates
- Moderate load carrying
- Nominal operating temperature range -65°F to 350°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.

A402: 11/27/01



ANDEROL[®]
Specialty Lubricants

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