

# ANDEROL PRODUCT DATA SHEET

## ANDEROL® 401D

SYNTHETIC LUBRICATING OIL

### GENERAL INFORMATION

ANDEROL 401D is a synthetic diester-based lubricating oil meeting the latest revision of MIL-PRF-6085.

### 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	11,072
Flash Point, °C	ASTM D 92	185	-	232
Pour Point, °C	ASTM D 97	-	-57	-59
Color	-	-	5.0	0.94

ADDITIONAL INFORMATION		
PROPERTY	TEST METHOD	TYPICAL RESULTS
ISO Viscosity Grade	ASTM D-2422	10/15
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
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
Density, lbs/gallon	ASTM D-1250	7.74

**ANDEROL 401D**

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

## APPROVALS

Meets the latest revision of MIL-PRF-6085.

## 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

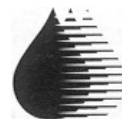
## COMPATIBILITY

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.

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**ANDEROL®**  
Specialty Lubricants

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