

ANDEROL PRODUCT DATA SHEET

ANDEROL® 471

Synthetic Lubricating Oil

GENERAL INFORMATION

ANDEROL® 471 is an ashless multi-viscosity synthetic diester-based lubricant formulated to provide long-term lubrication with minimal deposit formation.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	RESULTS
SAE Viscosity Grade	SAE J 309a	10W-40
Viscosity @ 210°F (99°C), cSt (SUS)	ASTM D-445	15.5 (80)
100°F, (38°C), cSt (SUS)	ASTM D-445	84.0 (392)
0°F, (-17.8°C), cSt (SUS)	ASTM D-445	2980 (7500)
-40°F, (-40°C), cSt	ASTM D-445	35,600
Viscosity Index	ASTM D-2270	208
Pour Point, °F (°C)	ASTM D-97	-60 (-51)
Flash Point, °F (°C)	ASTM D-92	480 (249)
Fire Point, °F (°C)	ASTM D-92	520 (271)
Auto ignition Temperature, °F (°C)	ASTM D-2155	770 (410)
Copper Corrosion, 24 hours @ 210°F (99°C)	ASTM D-130	<1a
Evaporation, 22 hrs @ 210°F (99°C), %	ASTM D-972	0.5
Foaming Sequence I, II, III ml foam	ASTM D-892	Nil Foam
Conradson Carbon Residue, %	ASTM D-189	0.02
Netrualization Number	ASTM D-974	0.15
Four-Ball Wear (1200 rpm, 167°F (75°C), 40 kg, 1 hour), mm	ASTM D-2266	0.4
Four-Ball EP, Weld Point, kg	ASTM D-2783	170
Specific Gravity 60°F (15.6°C)	ASTM D 1298	0.92
Density, lbs/gallon		7.63

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APPLICATIONS

- Piston Engine Aircraft motor oil*
- Compressor Lubrication
- Ball and roller bearings
- Impregnating Oil for powdered metal bearings

*ANDEROL is a reg. trademark of ANDEROL COMPANY.

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

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ADVANTAGES

- Wide temperature range
- Low volatility, flammability and foaming
- Excellent load carrying properties
- Excellent corrosion protection

SPECIFICATIONS

*Approved by Avco Lycoming, Svc. Ltr. L147B

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, and PBT.

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

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ANDEROL®
Specialty Lubricants

ANDEROL COMPANY
PO Box 518, 215 Merry Lane
East Hanover, New Jersey USA
Tel: 888-ANDEROL
Or Tel: (973) 887-7410
Fax: (973) 884-3825
E-mail: info2@anderol.com