

# ANDEROL® 471

## SYNTHETIC LUBRICATING OIL

### DESCRIPTION

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

### APPLICATIONS

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

### ADVANTAGES

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

### APPROVALS and SPECIFICATIONS

- \*Approved by Avco Lycoming, Svc. Ltr. L147B

## TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL <sup>®</sup> 471
ISO VG		68/100
Viscosity @ 40 °C, cSt	ASTM D-445	79
100 °C, cSt	ASTM D-445	14.3
Viscosity Index	ASTM D-2270	182
Pour Point, °C	ASTM D-97	-54
Flash Point, °C	ASTM D-92	247
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
Neutralization 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

## 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 please call ANDEROL Technical Services

RECOMMENDED - Fluorocarbon, 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.

## PACKAGING

**ANDEROL<sup>®</sup> 471** is available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

A471: 111510REV1DL

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