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An ISO9001 Certified Company

PD AR456

REV. # 3

REV. DATE: May 19, 2017

AR456

POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

AR456 OIL is a synthetic diester based lubricant formulated to resist gumming and rpm fluctuations and minimize wear. High viscosity index and low pour point indicate excellent low temperature fluidity (-35°C) while providing protection at high temperatures (150°C). AR456 OIL offers protection and reliability over the widest useful temperature range

PRODUCT FEATURES

- Excellent oxidation resistance and corrosion protection
- Very low evaporation rate
- Moderate load carrying
- Reduces friction for low-wear rates
- Outstanding film strength
- Plastic compatible

APPLICATIONS

- Office, business and computer equipment
- Impregnating fluid for powered metal bearings, parts and wicks
- Anti-friction bearings
- Wire extrusion oil
- Measuring and dispensing pumps and meters
- Mechanical spring and actuator mechanisms
- General purpose medium viscosity lubricant

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
ISO VG	D2422	32
Specific gravity	D1298	0.94
Flash Point, °C	D97	232
Pour Point, °C	D92	-55
Viscosity, cSt. -30°C	D445	8000
40°C		31.6
100°C		7.7
Viscosity Index	D2270	228
Neutralization No., mg KOH/gm	D664	2.66
Total Base Number	D974	6.05
Copper Strip Corrosion, 24 hours @ 100°C	D130	1a
Four Ball wear, 1200rpm, 75°C, 40Kg, 1hour, mm	D2266	0.4

The World Leader in Fractional Horsepower Motor Lubrication