

Product Identification

A highly refined methyl ricinoleate for lubricating oils, motor fuels, upper cylinder lubricants, cutting oils and gear oils. It functions to reduce rusting, corrosion and wear of metal parts and exhibits detergent action on tar, varnish and carbon deposits.

Physical Properties

Property	Value
Acid Value	0.7
Boiling Point @ 1mm, °C	170
Color, Gardner	3
Composition	Methyl Ricinoleate
Density, lbs./gal, 25°C	7.70
Fire Point, COC, °F	420
Flash Point, COC, °F	370
Form	Clear liquid
Hydroxyl Value	170
Iodine Value	85
Molecular Weight	310
Pour Point, °F	-20
Refractive Index	1.4620
Saponification Value	178
Specific Gravity, 25°C/25°C	0.925
Viscosity, 25°C, Stokes	0.3
Viscosity, SUS @ 100°F	97 Seconds
Viscosity, SUS @ 210°F	37 Seconds

Applications

- Upper cylinder lubricant as a highly effective detergent for the removal of carbon.
- As an oiliness agent in transmission oil and in the lubricant-gas mixture for two-cycle engines.
- Added to methanol in combination with nitro-methane in model plane fuels to minimize gum formation.
- In standard cutting oils to improve oiliness and adhesion to hot metal and to produce a brighter finish on the metal being worked.

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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