

Typical Properties

Appearance@25°C	Clear Light-colored Liquid
Color,ASTM D1544,Gardner/D1500	≤ 6/3.0
Kinematic Viscosity@40°C,cSt	40 - 45
Density@25°C,Lb/Gal(kg/L)	7.7 (0.920)
Total Acid Value,mgKOH/g	≤ 3.0
Pour Point,°C(°F)	1.0 (34)
Moisture Content,%wt	≤ 0.1
Flash Point C.O.C.,°C(°F)	≥ 230 (446)
Fire Point C.O.C.,°C(°F)	≥ 350 (662)
Saponification Number,mgKOH/g	175 - 185

Product Description

Adtec™ 430 is a high quality oleic ester of trimethylolpropane that exhibits excellent lubricity and high temperature stability shown to be fire-resistant. It is a ISO 46 grade ester found to be biodegradable according to the European 21 days and EPA 28 days biodegradability tests.

Applications:

Adtec™ 430 has found application in the metalworking area for steel milling, grinding, cutting oils, hot or cold rolling oils and drawing lubricants. Formulations with **Adtec™ 430** as a base stock for hydraulic oils for outdoor applications are possible taking advantage of its fire-resistant and biodegradability properties.

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