

Typical Properties

Appearance@25°C	Clear Light-colored Liquid
Color,ASTM D1544,Gardner/D1500	≤ 8/2.5
Kinematic Viscosity@40°C,cSt	≥ 60
Density@25°C,Lb/Gal(kg/L)	7.7 (0.920)
Total Acid Value,mgKOH/g	≤ 1.0
Moisture Content,%wt	≤ 0.1
Flash Point C.O.C.,°C(°F)	≥ 308 (580)
Fire Point C.O.C.,°C(°F)	≥ 360 (680)
Saponification Number,mgKOH/g	178 - 188

Product Description

Adtec™ 300 is a high quality TMP ester of oleic acid. It exhibits excellent low and high temperature stability shown to have fire resistant properties. It is proven biodegradable according to the European 21 days and EPA 28 days biodegradability tests. It a natural ISO 68 ester.

Applications:

Adtec™ 300 has also found application in the metalworking area for steel milling, grinding, cutting oils, hot or cold rolling oils and drawing lubricants. Since **Adtec™ 300** is thermally stable and readily biodegradable, it can be used as a environmentally friendly base stock for making ISO 68 grade of fire-resistant hydraulic oils for outdoor mobile equipment.