

Typical Properties

Appearance@25°C	Clear Light-colored Liquid
Color,ASTM D1544,Gardner/D1500	≤ 8/2.5
Kinematic Viscosity@40°C,cSt	≥ 22
Total Acid Value,mgKOH/g	≤ 2.0
Moisture Content,%wt	≤ 0.1
Flash Point C.O.C.,°C(°F)	≥ 250 (482)
Fire Point C.O.C.,°C(°F)	≥ 260 (500)
Saponification Number,mgKOH/g	≥ 180

Product Description

Adtec™ 434 is commonly referred to as NPGDO that is a neopentyl glycol fully esterified with oleic acid. It is an ISO grade 22 synthetic ester with excellent lubricity and thermal stability, but at a lower cost. It proves to be biodegradable according to the European 21 days and EPA 28 days biodegradability tests.

Applications:

Adtec™ 434 is an ISO grade 22 base stock and has found applications in metalworking as a lubricity additive, or as base oil for aluminum rolling, and as a plasticizer in plastics.