

Supplier -

*Polyol Esters
Neopentyl Glycol Dioleate*

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.

Print date: 21-12-24

Disclaimer: Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.