

Ditridecyl Adipate (DTDA)**Typical Properties**

Appearance@25°C	Light-colored Liquid
Color,ASTM D1544,Gardner/D1500	≤ 3.0/1.0
Kinematic Viscosity@40°C,cSt	≥ 27
Kinematic Viscosity@100°C,cSt	≥ 5.1
Kinematic Viscosity@-40°C,cSt	≤ 16000
Viscosity Index	135
Density@25°C,Lb/Gal(kg/L)	7.6 (0.900)
Total Acid Value,mgKOH/g	≤ 0.05
Pour Point,°C(°F)	-50 (60)
Moisture Content,%wt	≤ 0.05
Flash Point C.O.C.,°C(°F)	≥ 232 (450)

Product Description

Adtec™ 172 is commonly referred to as DTDA that is a dibasic acid ester of isotridecanol and adipic acid. It offers superior oxidation stability, low volatility and excellent low temperature characteristics. **Adtec™ 172** is highly resistant to shear and thermal stress. It has good solvency and exhibits excellent additive compatibility. **Adtec™ 172** was found to be biodegradable according to the European 21 days and EPA 28 days biodegradability tests.

Applications:

Adtec™ 172 has found applications in blends of 2 and 4 stroke engine oils, compressor lubricants, gear oils, hydraulic fluids as well as other industrial applications. Since **Adtec™ 172** is biodegradable, it is suitable for environmentally sensitive applications (e.g. Marine).

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