

TMP Medium-chained esters

TMP Medium-chained esters is listed in the TMP ESTERS (Trimethylolpropane) range for advanced industrial ester and formulation enquiries.

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PRODUCT BULLETIN

Adtec™ 161 **Trimethylolpropane C₈-C₁₀ Ester**

Description:

Adtec™ 161 (Trimethylolpropane C₈-C₁₀ Ester) is a high quality C₈-C₁₀ ester of Trimethylolpropane. Adtec™ 161 exhibits superior oxidative and thermal stability. It also has excellent low temperature properties and low volatility.

Applications:

Adtec™ 161 is recommended to be used either neat or in combination with polyalphaolefins or hydrocracked/isodewaxed base stocks. Adtec™ 161 exhibits excellent additive compatibility when blended with the above base stocks. Applications include military, commercial and stationary jet turbine engines and synthetic engine oils meeting or exceeding domestic as well as international specifications. Adtec™ 161 meets both the OECD 301B Sturm test as well as the CEC-L-33-T-82 requirements.

Typical Properties:

Viscosity @ 100°C	cSt	4.2 – 4.5	ASTM D-445
Viscosity @ 40°C	cSt	21	ASTM D-445
Viscosity @ -40°C	cSt	4500	ASTM D-445
Viscosity Index		140	ASTM D-2270
Total Acid Number	mg KOH/g	0.05 max	ASTM D-974
Water	ppm	500 max	ASTM D-1744
Color, ASTM		1.0 max	ASTM D-1500
Pour Point	°C/°F	-50/-60	ASTM D-97
Flash Point	°C/°F	232/450 min	ASTM D-92
Density @ 25°C	Lb/gal	7.9	ASTM D-4052
Specific Gravity @ 25°C		0.95	ASTM D-4052
Appearance		Light colored liquid	

Availability:

Adtec™ 161 is available in bulk tank trucks and iso-containers or packaged in 55-gallon steel drums and 5-gallon pails.

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