



Krystal Lubetech Pvt. Ltd.

B-17, Greenwood City, Sector – 45,
Gurgaon – 122 002, Haryana

Ester T 163

Description: Ester T 163 is a high viscosity pure triester basestock containing branched chain alcohols which combines excellent high temperature oxidative stability with low volatility.

Application: Ester T 163 can be applied in the following: Gear Oils, High Temperature Grease, Conveyor Oven Chain Oils, and Automotive Engine Oils.

Benefits: Ester T 163 offers very good high temperature stability, low volatility, high viscosity and good lubricity.

Chemical and Physical Properties:

Property	Method	Specifications	Typical
Viscosity @ 100°C, cSt	ASTM D-445	15.9-16.7	16.3
Viscosity @ 40°C, cSt	ASTM D-445	198-227	213
Flash Point °C, C.O.C.	ASTM D-92	272 min	282
Pour Point, °C	ASTM D-97	-23 max	-29
Total Acid Number, mgKOH/g	ASTM D-664	0.05 max	0.01
Water Content, wt%	ASTM D-1533	0.05 max	0.02
Viscosity Index	ASTM D-2270		76
Appearance	Visual		Clear, Yellow Liquid
Hydroxyl, mgKOH/g	AOCS CD 13-60		1
Evaporation Loss, % 6.5 hrs @ 204C	ASTM D-972		3
Noack Evaporation Loss, % 1.0 hrs @ 250C	DIN 51-581		2
Specific Gravity 25/25C	ASTM D-4052		0.956
Density lb/gal @ 15.6 C	ASTM D-4052		8.04
Fire Point, C	ASTM D-92		310

Storage & Handling: Please see MSDS.

Packaging: Drums and bulk.

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