



Krystal Lubetech Pvt. Ltd.

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

Ester P122

Description: Ester P122 is a pure polyol ester basestock based on pentaerythritol offering excellent high temperature stability with very high lubricity and low volatility.

Application: Ester P122 can be applied in the following: Two and Four Stroke Engine Oils, High Temperature Greases, Gear and Transmission Fluids, Compressor Oils, Biodegradable Lubricants.

Benefits: Ester P122 offers excellent high temperature stability, exceptional lubricity, a low volatility, a low pour point, a high viscosity index, and it's biodegradable.

Chemical and Physical Properties:

Property	Method	Specifications	Typical
Viscosity @ 100°C, cSt	ASTM D-445	11.6-12.8	12.2
Viscosity @ 40°C, cSt	ASTM D-445		81
Flash Point °C, C.O.C.	ASTM D-92	277 min	285
Pour Point, °C	ASTM D-97	-34 max	-40
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		150
Specific Gravity 25/25°C	ASTM D-4052		0.991
Appearance	Visual		Clear, yellow liquid
Hydroxyl, mgKOH/g	AOCS CD 13-60		1
Density lb/gl @ 15.6°C	ASTM D-4052		8.02
Fire Point, °C	ASTM D-92		302
Evaporation Loss, % 6.5hrs. @ 204°C	ASTM D-972		3
NOACK Evaporation Loss, % 1 hrs. @ 250°C	DIN 51-581		2

Storage & Handling: See MSDS

Packaging: Drums and Bulk

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