Krystal Lubetech

Krystal Lubetech Pvt. Ltd.

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

Ester A55

Description: Ester A55 is a pure adipate diester basestock containing long chain branched alcohols which combines excellent high temperature oxidative stability with low temperature flow.

Application: Ester A55 can be applied in the following: Gear and Transmission Fluids, Wide Temperature Greases, Compressor Oils, Automotive Engine Oils, PAO Enhancement, Biodegradable Applications.

Benefits: Ester A55 offers very good high temperature stability, excellent low temperature fluidity, a high viscosity index, good biodegradability, low volatility, and high lubricity.

Chemical and Physical Properties:

Property	Method	Specifications	Typical
Viscosity @ 100°C, cSt	ASTM D-445	5.2-5.8	5.5
Viscosity @ 40°C, cSt	ASTM D-445		28
Flash Point °C, C.O.C.	ASTM D-92	235 min	243
Pour Point, °C	ASTM D-97	-51 max	-60
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		135
Specific Gravity 25/25°C	ASTM D-4052		0.909
Color, APHA	AOS CD 13-60		35
Appearance	Visual		Clear, colorless liquid
Hydroxyl, mgKOH/g	AOCS CD 13-60		0.5
Density lb/gal @ 15.6°C	ASTM D-4052		7.62
Fire Point, °C	ASTM D-92		282
Evaporation Loss, % 6.5hrs. @ 204°C	ASTM D-972		6
NOACK Evaporation Loss, % 1 hrs. @ 250°C	DIN 51-581		7

Storage & Handling: Please see MSDS.

Packaging: Drums and bulk.