



# Krystal Lubetech Pvt. Ltd.

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

## Ester D124

**Description:** Ester D124 is a pure dimerate diester basestock offering high viscosity, a high viscosity index as well as an excellent lubricity with good low temperature fluidity.

**Application:** Ester D124 can be applied in the following: Automotive Gear/Transmission Oils, Industrial Gear Oils, Two-Stroke Engine Oils, and Grease.

**Benefits:** Ester D124 offers a high viscosity index, excellent lubricity, and good low temperature fluidity.

### Chemical and Physical Properties:

Property	Method	Specifications	Typical
Viscosity @ 100°C, cSt	ASTM D-445	11.9-12.9	12.4
Viscosity @ 40°C, cSt	ASTM D-445		83
Flash Point °C, C.O.C.	ASTM D-92	290 min	302
Pour Point, °C	ASTM D-97	-40 max	-43
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		145
Specific Gravity 25/25°C	ASTM D-4052		0.991
Appearance	QL-4099		Clear, pale yellow liquid
Hydroxyl, mgKOH/g	AOCS CD 13-60		2
Density lb/gal @ 15.6°C	ASTM D-4052		7.56
Fire Point, °C	ASTM D-92		328
Evaporation Loss, % 6.5hrs. @ 204°C	ASTM D-972		2
NOACK Evaporation Loss, % 1 hrs. @ 250°C	DIN 51-581		1

### Storage

**& Handling:** See MSDS

**Packaging:** Drums and Bulk

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