



Krystal Lubetech Pvt. Ltd.

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

Ester D 77

Description: Ester D 77 is a synthetic diester base fluid for industrial use.

Application: Ester D 77 can be applied in the following: Circulating and Screw Compressor Oils, Gear and Bearing Oils, Hydraulic Fluids and Chain Lubricants.

Benefits: Ester D 77 offers excellent oxidative stability, superior anti-wear performance, high flash and fire points, low pour point, very low volatility, extraordinary demulsibility and is NSF H2 approved.

Chemical and Physical Properties:

Property	Method	Specifications	Typical
Viscosity @ 100°C, cSt	ASTM D-445	7.3-8.1	7.7
Viscosity @ 40°C, cSt	ASTM D-445		62
Flash Point °C, C.O.C.	ASTM D-92	241 min	254
Pour Point, °C	ASTM D-97		-37
Total Acid Number, mgKOH/g	ASTM D-664	0.5 max	0.2
Water Content, wt%	ASTM D-1533	0.05 max	0.02
Viscosity Index	ASTM D-2270		84
Appearance	Visual		Amber liquid
Hydroxyl, mgKOH/g	AOCS CD 13-60		14
Fire Point, °C	ASTM D-92		282
Conradson Carbon Residue, Wt %	ASTM D-189		0.02
4 Ball Wear Scar, 1 hour, 1200 rpm, 40 Kg, 75C	ASTM D-2266		0.45
Demulsibility @ 54 C	ASTM D-1401		42-38-0 (5)
Rust Test, 48 hours: Distilled Water Sea Water	ASTM D-665A ASTM D-665B		Pass Pass

Storage

& Handling: Please see MSDS.

Packaging: Drums and bulk.

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