

MAGNUM PETROLEUM LIMITED

Lube Oil Blending Plant (LOBP)
Rupgonj, Narayangonj



PRODUCT DATA SHEET (PDS)



ENERGY TX MONO™ SAE 50 API CF/SF

High Performance Mono-grade

Introduction

ENERGY TX MONO™ is well-balanced Heavy Duty Diesel Engine Oil (HDEO) meeting the API CF/SF service classification. It has proven outstanding performance in both Commercial Vehicle Lubricant (CVL) and off-highway vehicles.

Features & Benefits

- Demonstrated reliable performance
- Superior control of deposit and sludge formations
- High thermal stability and strong cleaning/dispersing properties
- Longer engine life and better fuel efficiency

Applications

Technical Performance Data

TEST PARAMETERS	TEST METHOD	UOM	SPECIFICATION		TYPICAL RESULTS
			MIN.	MAX.	
Appearance	ASTM D 4176	-	B&C	-	B&C
Color	ASTM D 1500	-	Report	-	L 2.5
Density at 15 °C	ASTM D 4052	g/mL	Report	-	0.8989
Density at 30 °C	ASTM D 4052	g/mL	Report	-	0.8897
Kinematic Viscosity at 40°C	ASTM D 445	cSt	Report	-	234.8
Kinematic Viscosity at 100°C	ASTM D 445	cSt	16.30	21.90	19.92
Viscosity Index	ASTM D 2270	-	90	-	97
Flash Point (FP)	ASTM D 92	°C	225	-	240
Pour Point (PP)	ASTM D 5950	°C	-	-9	-12
Total Base Number (TBN)	ASTM D 2896	mg KOH/g	6.05	-	6.79
Foaming Seq. I	ASTM D 892	mL	-	15/0	10/0
Foaming Seq. II	ASTM D 892	mL	-	50/0	25/0
Foaming Seq. III	ASTM D 892	mL	-	15/0	10/0
FTIR Scanning	ASTM E 2412	As Ref.	Matches	-	Matches

