

MAGNUM PETROLEUM LIMITED

Lube Oil Blending Plant (LOBP)
Rupgonj, Narayangonj



PRODUCT DATA SHEET (PDS)



ENERGY MX ULTRA™ SAE 15W-40 API CI-4/SL

Premium Turbo Diesel Engine Oil

Introduction

ENERGY MX ULTRA™ is Super High Performance Diesel (**SHPD**) multi-fleet turbo-engine oil. It is recommended for both on-highway and off-highway vehicles. It ensures optimal performance in modern low-emission engine as well as conventional engine.

Features & Benefits

- Superior protection from engine wear
- Excellent control over deposits to maintain power
- Improved and longer oil drain interval
- Very good in High Temperature High Shear (**HTHS**)

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 3.5
Density at 15 °C	ASTM D 4052	g/mL	Report	-	0.8715
Density at 30 °C	ASTM D 4052	g/mL	Report	-	0.8624
Kinematic Viscosity at 40°C	ASTM D 445	cSt	Report	-	101.5
Kinematic Viscosity at 100°C	ASTM D 445	cSt	12.50	16.30	14.66
Viscosity Index	ASTM D 2270	-	125	-	150
Cold Cranking Viscosity (CCS) at -20°C	ASTM D 5293	mPa.s	-	7000	4490
Flash Point (FP)	ASTM D 92	°C	200	-	240
Pour Point (PP)	ASTM D 5950	°C	-	-30	-42
Total Base Number (TBN)	ASTM D 2896	mg KOH/g	9.84	-	10.93
Foaming Seq. I	ASTM D 892	mL	-	10/0	0/0
Foaming Seq. II	ASTM D 892	mL	-	25/0	10/0
Foaming Seq. III	ASTM D 892	mL	-	10/0	0/0
FTIR Scanning	ASTM E 2412	As Ref.	Matches	-	Matches

