

MAGNUM PETROLEUM LIMITED

Lube Oil Blending Plant (LOBP)
Rugponj, Narayangonj



PRODUCT DATA SHEET (PDS)



ENERGY GR MULTI SAE 85W-140 API GL-5

Multigrade Gear Oil

Introduction

ENERGY GR MULTI is universal performance multi-functional gear oil for automotive gear, axles and non-synchronized manual transmissions. Good gear life and Extreme Pressure (**EP**) properties protect hypoid and other types of gears from scuffing and wear.

Features & Benefits

- Robust thermal stability and protection against oxidation
- **EP** capabilities ensure components are protected
- Strong anti-foam characteristics prevent oil film breakdown
- Rust and Corrosion Protection - Effective inhibitor package

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	-	0.9030
Density at 30 °C	ASTM D 4052	g/mL	Report	-	0.8939
Kinematic Viscosity at 40°C	ASTM D 445	cSt	Report	-	406.3
Kinematic Viscosity at 100°C	ASTM D 445	cSt	24.00	32.50	28.34
Viscosity Index	ASTM D 2270	-	90		96
Brookfield Viscosity at -12 °C	ASTM D 2983	mPa.s	-	150,000	92800
Flash Point (FP)	ASTM D 92	°C	210	-	246
Pour Point (PP)	ASTM D 5950	°C	-	-9	-12

