

MAGNUM PETROLEUM LIMITED

Lube Oil Blending Plant (LOBP)
Rupgonj, Narayangonj



PRODUCT DATA SHEET (PDS)



ENERGY ATF DEX III H

Auto Transmission Fluid

Introduction

ENERGY ATF DEX III H is premium quality automatic transmission oil suitable for use in GM, Ford, Allison C4, all American, European and Japanese car's steering application, with excellent high and low temperature performance.

Features & Benefits

- Ensure smooth shifting to deliver a comfortable drive
- Protect transmission components and prevent premature failure
- Reduce plate wear to keep transmission well-maintained
- Reduce leakage and compatible to seal

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 1.0
Density at 15 °C	ASTM D 4052	g/mL	Report	-	0.8626
Density at 30 °C	ASTM D 4052	g/mL	Report	-	0.8535
Kinematic Viscosity at 40°C	ASTM D 445	cSt	Report	-	51.6
Kinematic Viscosity at 100°C	ASTM D 445	cSt			9.036
Viscosity Index	ASTM D 2270	-			157
Brookfield Viscosity at -20 °C	ASTM D 2983	mPa.s	-	150000	2290
Brookfield Viscosity at -30 °C	ASTM D 2983	mPa.s	-	150000	7180
Brookfield Viscosity at -40 °C	ASTM D 2983	mPa.s	-	150000	29450
Flash Point (FP)	ASTM D 92	°C	210	-	230
Pour Point (PP)	ASTM D 5950	°C	-	-24	-48
Foaming Seq. I	ASTM D 892	mL	15/0	-	10/0
Foaming Seq. II	ASTM D 892	mL	50/0	-	40/0
Foaming Seq. III	ASTM D 892	mL	15/0	-	10/0
FTIR Scanning	ASTM E 2412	As Ref.	Matches		Matches