

## ENERGINE EXTREME 15W40

### DESCRIPTION:

Multigrade lubricant oil, high performance and long life for passenger car engines.

### PROPERTIES & ADVANTAGES:

- ✓ Thanks to its multigrade quality, it allows easy starting at low temperatures and keeps the hot pressure, improving lubrication of the engine.
- ✓ High protection against wear of components lubricated.
- ✓ High detergent and dispersant capacity, which prevents the formation of muds at cold temperatures, gluing segments, blockages and clogging of filters.
- ✓ The specific composition of SHPD has successfully passed the tests of long duration, allowing oil changes every 30,000 km.
- ✓ Reduces oil consumption and longer engine life.

### APPLICATIONS:

- ✓ For all types of diesel (TDI, HDI, Turbocharged) and gasoline under severe regimes in commercial vehicles, passenger cars, heavy vehicles, heavy machinery and mixed fleets.
- ✓ Especially recommended: heavy transport, construction equipment, agricultural machinery, taxis (petrol, diesel and gas-powered), ambulances, vans, commercial vehicles and supercharged diesel engines with far between oil changes.

### SPECIFICATIONS / QUALITY LEVEL:

ACEA A3/B4 -08	MAN 270 / 271	VOLVO VDS
API SL / SJ / CG-4 / CF-4 / CF	MB 228.1, 229.1	VW 501.01 / 505.00
MACK EO-L	MTU / DDC Type 2	

### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
SAE grade	SAE J300	15W40
Viscosity at 100°C (cSt)	ASTM D-445	12.5 – 16.3
Density at 15°C, Typical (kg/l)	ASTM D-1298	0.875
HTHS viscosity at 150°C (mPa.s)	ASTM D-4683	> 3,5
Dynamic Viscosity -20°C (cPs)	ASTM D-5293	< 7000
Pour point (°C)	ASTM D-97	< -25
Flash point (°C)	ASTM D-92	> 210
TBN (mg KOH/g)	ASTM D-2896	≥ 8
NOACK volatility, max (% loss on weight)	CEC L-040-93	13

### PACKAGING:

1L & 5L bottles, 208L drum and 1000L IBC container.