



PULZAR HYPERMAX SPEED

Premium semi-synthetic motor oil for high performance diesel engines in Multipurpose vehicle (MPV), Sport Utility Vehicle (SUV) and Pick-up Passenger Vehicle (PPV)

PRODUCT DESCRIPTIONS

PULZAR HYPERMAX SPEED is a premium semi-synthetic motor oil which designed specifically for high performance diesel engines and turbocharged diesel engines in most modern MPV, SUV and PPV.

PULZAR HYPERMAX SPEED is specially formulated for the lubrication needs of modern European gasoline and diesel cars that exceed the European performance requirements of ACEA A3/B4 classifications and the American Petroleum Institute (API) Service Classification CI-4/SL. Moreover, it meets the Global DHD-1 specification and shown great performance in the real drive test from the Japanese first-class pickup car. **PULZAR HYPERMAX SPEED** is developed to have viscosity grade of SAE 15W-40 that is the most suitable for use in high performance, high speed diesel engine and tropical territory environment.

PULZAR HYPERMAX SPEED is blended from selected highly-refined semi synthetic base oils, with high-tech premium additives that reduce engine noise, increase the engine efficiency and maximize the acceleration rate which can feels at the first drive. It contains special anti wear additives, which help protect engines against brutal wears and extend engine life.

Application

PULZAR HYPERMAX SPEED is recommended for high performance diesel engine and turbocharged diesel engine that requires higher output and maximum acceleration rate. It recommended for most modern MPV, SUV and PPV including modified diesel engine.

Remark : for Heavy Duty Diesel trucks, we recommend our PULZAR Long Life series for the highest efficiency.

Features

- Excellent wear protection and for longer engine life.
- Strong oil film provides excellent high temperature protection and protect your engine more efficiency.
- Excellent oxidation resistance, which maintains consistent viscosity over a wide range of temperatures.
- Helps protect engines against all forms of wear through PULZ TECH INNOVATION.
- Increases lubricity property.
- Reduce friction and smooth drive.
- Provide the high speed diesel engine
- Prevents sludge and oil thickening from soot.
- Contains anti-wear and anti-scuff agents.
- Improves fuel economy Performance and extends drain interval.
- Meets API Service Classification of API CI-4/SL
- Meets or Exceeds API CI-4, API SL, ACEA E7-16(2016), A3/B4-12 (2012), DAIMLER MB-Approval 228.3/229.1, Volvo VDS-3, Renault Truck RLD-2, Mack EO-N/EO-M PLUS, MAN M 3275, Cummins CES 20076/20077/20078, CAT ECF-2, MTU Type 2, Deutz DQC III-10, Detroit Diesel DDC 93K215, GLOBAL DHD-1

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PULZAR HYPERMAX SPEED

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES PULZAR HYPERMAX SPEED

Test	METHOD	TYPICAL RESULTS
SAE Viscosity Grade	SAE J300	15W-40
API Service		CI-4/SL
Density @ 30 °C	SAE J183	0.8595
Flash Point, °C	ASTM D-4052	236
Viscosity	ASTM D-92	
@ 40 °C, cSt		112.00
@ 100 °C, cSt	ASTM D-445	14.91
Viscosity Index	ASTM D-445	138
Low Temperature Viscosity, Vis (cP) at temperature (°C) Max	ASTM D-2270	5,965 @ -20C
Total Base Number, mg KOH/g	ASTM D-5293	11.39
	ASTM D-2896	

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