

UNITED GD1

Product Description

Fully Synthetic Passenger car motor oil is a premium quality Mid SAPS passenger car lubricant which specially developed for hybrid and downsized engines as well as being compatible with latest generation aftertreatment systems. This product is formulated to meet the latest performance API SQ and OEM claims with demanding requirement for the modern engine.

High levels of fuel and water in the lubricant is very common in hybrid vehicles, which can lead to increased bearing wear under stop-start operation, higher levels of sludge as well as water and fuel separation which may cause to catastrophic engine damage. This product effectively disperses water and fuel to maintain oil performance, coupled with robust wear and cleanliness performance for hybrid applications. This lubricant also provides protection from low speed pre-ignition (LSPI) and delivers fuel economy.

Applications / Benefits

- * Super fluidity over a wide range of temperatures and operating conditions
- * Forms a strong emulsion to protect the oil pumping system
- * Avoid harmful effects of lubricant contamination
- * Good control of wear and sludge formation

Typical Characteristics

Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	5W40
Density @ 15 °C	ASTM D 4052	kg/L	0.856
Flash Point	ASTM D 92	°C	216
Pour Point	ASTM D 97	°C	-39
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	87
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.5
Viscosity Index	ASTM D 2270	-	174
TBN	ASTM D 2896	mgKOH/g	8.7
CCS	ASTM D 5293	cP	≤6600
HTHS	ASTM D 5481	cP	≥3.5

Specifications, Approvals & Recommendations

	5W40
* API	SQ
* ACEA	C3
* BMW	LL-04
* MERCEDES BENZ	MB 229.31
* MERCEDES BENZ	MB 229.51
* MERCEDES BENZ	MB 229.52
* OPEL	OV0401547-D40
* OPEL	OV0401547-G40
* RENAULT	RN0700
* RENAULT	RN0710

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5170G3SQC3REV2

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