

# UNITED GOLD

## 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	5W30	5W40	5W50
SAE Viscosity Grade	SAE J 300	-	5W30	5W40	5W50
Density @ 15 °C	ASTM D 4052	kg/L	0.855	0.856	0.858
Flash Point	ASTM D 92	°C	214	216	218
Pour Point	ASTM D 97	°C	-39	-39	-39
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	70.1	87	119
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	11.8	14.5	18.1
Viscosity Index	ASTM D 2270	-	165	174	170
TBN	ASTM D 2896	mgKOH/g	8.7	8.7	8.7
CCS	ASTM D 5293	cP	≤6600	≤6600	≤6600
HTHS	ASTM D 5481	cP	≥3.5	≥3.5	≥3.7

## Specifications, Approvals & Recommendations

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	<b>5W30</b>	<b>5W40</b>
* API	SQ	SQ
* ACEA	C3	C3
* ILSAC	GF-6A	-
* BMW	LL-04	LL-04
* MERCEDES BENZ	MB 229.31	MB 229.31
* MERCEDES BENZ	MB 229.51	MB 229.51
* MERCEDES BENZ	MB 229.52	MB 229.52
* OPEL	OV0401547-D30	OV0401547-D40
* OPEL	OV0401547-G30	OV0401547-G40
* RENAULT	RN0700	RN0700
* RENAULT	RN0710	RN0710

## Suggested For The Following Uses

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	<b>5W30</b>	<b>5W40</b>	<b>5W50</b>
* API	-	-	SP
* API	-	-	SN PLUS
* ACEA	-	-	C3
* BMW	-	-	LL-04
* DEXOS	DEXOS 2	DEXOS 2	-
* MERCEDES BENZ	-	-	229.51
* MERCEDES BENZ	-	-	229.52
* OPEL	-	-	OV0401547
* RENAULT	-	-	RN0700
* RENAULT	-	-	RN0710

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