



FULLY IDEAL LIFE

FULLY Synthetic Engine Oil

DISCRIPTION

FULLY IDEAL LIFE is the ultimate performance, synthetic engine oil designed to provide unsurpassed protection for the engines of all modern petrol and diesel powered passenger cars and light commercial vehicles. It is suitable for high performance engines, especially those fitted with turbochargers, operating under the most severe conditions.

FULLY IDEAL LIFE is formulated from fully synthetic base fluids and a proprietary additive system to provide exceptional protection and performance for your engine, flow through the engine faster offering unsurpassed protection during the critical period of engine start-up when most engine wear occurs. It remains fluid at low temperatures and provides outstanding protection under the most extreme cold weather conditions. Despite its greater fluidity at start-up and low temperatures, **Fully Ideal Life** provides the protection as the engine operating temperatures increase. In addition **Fully Ideal Life** offers increased environmental benefits and significant fuel economy savings.

FULLY IDEAL LIFE is recommended for use in all types of modern passenger cars and light commercial vehicles powered by petrol and diesel engines. It is particularly recommended for high performance engines, including those which are multi-valves and/or turbocharged. It is not recommended for two-stroke or aviation engines.

APPLICATION

FULLY IDEAL LIFE is recommended for use in all types of modern passenger cars and light commercial vehicles powered by petrol and diesel engines. It is particularly recommended for high performance engines, including those which are multi-valves and/or turbocharged. It is not recommended for two-stroke or aviation engines, where API SN, SM, SL or SJ performance is needed, also meet ILSAC GF-5, ACEA A5/B5, MB 229.3 & 229.5





PRODUCT DATA SHEET

BENEFITS

- Engine performance maintained “as new” due to outstanding protection against wear and exceptional Cleanliness of engine parts
- Longer engine life
- Superior cold weather starting, prolonging battery life
- Significant fuel savings
- Low exhaust emissions maintained at “new car” level, even after prolonged engine life
- Improved engine protection during the critical start-up period

Performance

API	SN/CF
ILSAC	GF-5
ACEA	A5/B5
Daimler Chrysler	MB 229.31

FULLY IDEAL LIFE available in 0W20, 5W20, 0W30, 5W30, 10W30, 0W40, 5W40, 10W40, 0W50 and 5W50 SAE grades

Approvals:

API SN/CF



PRODUCT DATA SHEET

Specification

Test Parameter	Units	Test Limits					Test Method
		0W20	5W20	0W30	5W30	10W30	
SAE Grade	-	0W20	5W20	0W30	5W30	10W30	-
Appearance	-	C&B	C&B	C&B	C&B	C&B	Visual
Density @ 15°C	g/cm ³	0.850	0.858	0.854	0.858	0.858	ASTM D-4052
Viscosity @ 40°C	cSt	47	47	63	63	63	ASTM D-445
Viscosity @ 100°C	cSt	5.6 – 9.2	5.6 – 7.2	9.3-12.4	9.3 – 12.4	9.3-12.4	ASTM D-445
Viscosity Index, min.	-	175	160	176	160	150	ASTM D- 2270
CCS, max	mPa-S	6600@-35	6600@-30	6600@-35	6600@-30	7000@-25	ASTM D-5293
Flash Point min.	°C	218	220	230	230	230	ASTM D-92
Pour Point, max.	°C	- 42	- 39	-42	-39	-36	ASTM D-97
TBN, min	mg/g	8	8	8	8	8	ASTM D-2896
Code	-	111/1	111/2	111/3	111/4	111/5	-

Test Parameter	Units	Test Limits					Test Method
		0W40	5W40	10W40	0W50	5W50	
SAE Grade	-	0W40	5W40	10W40	0W50	5W50	-
Appearance	-	C&B	C&B	C&B	C&B	C&B	Visual
Density @ 15°C	g/cm ³	0.854	0.858	0.858	0.858	0.860	ASTM D-4052
Viscosity @ 40°C	cSt	77	77	77	100	100	ASTM D-445
Viscosity @ 100°C	cSt	12.5-16.2	12.5-16.2	12.5-16.2	16.3-21.8	16.3-21.8	ASTM D-445
Viscosity Index, min.	-	180	166	156	152	152	ASTM D- 2270
CCS, max	mPa-S	6600@-35	6600@-30	7000@-25	6600@-35	7000@-30	ASTM D-5293
Flash Point min.	°C	230	230	230	236	240	ASTM D-92
Pour Point, max.	°C	- 42	- 36	-33	-39	-33	ASTM D-97
TBN, min	mg/g	8	8	8	8	8	ASTM D-2896
Code	-	111/6	111/7	111/8	111/9	111/10	-

