



Techno Life *Semi-Synthetic Engine Oil*

DESCRIPTION

Techno Life is high quality, Semi-synthetic engine oil designed to provide protection, long life for your engine under critical conditions where engine needs lubricant has super performance at low temperatures, high circulation properties with engine start up and high thermal stability under high temperatures.

Techno Life is formulated from high quality mineral base oils mixed with synthetic fluids and a high performance additive system to provide high protection against oxidation, wearing, bearing and soot layer. Flow through the engine faster offering protection during engine start-up. 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, **Techno Life** provides the protection as the engine operating temperatures increase. In addition **Techno Life** offers significant fuel economy savings

Techno Life is recommended for use in all types of 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.

APPLICATION

Techno Life is recommended for use in all types of 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 SM, SL or SJ performance is needed, also meet ILSAC GF-4, ACEA A3/B4/C4, MB 229.3 & 229.5





PRODUCT DATA SHEET

BENEFITS

- Outstanding protection against rust, wear and sludge formation.
- Good thermal stability and oxidation resistance.
- Flows for faster circulation throughout the engine, providing excellent startup.
- Maintains the engine's cleanness.
- Superior protection of vehicle's exhaust emission control system.
- Outstanding low temperature fluidity.
- Immediate lubrication in cold conditions during engine startup.

PERFORMANCE

API	SM/CF
ILSAC	GF-4
ACEA	A3/B4/C4
Daimler Chrysler	MB 229.31

Techno Life is available in 5W20, 5W30, 10W30, 5W40 and 10W40 SAE grades

Specification

Test Parameter	Units	Test Limits					Test Method
SAE Grade	-	5W20	5W30	10W30	5W40	10W40	-
Appearance	-	C&B	C&B	C&B	C&B	C&B	Visual
Density @ 15°C	g/cm ³	0.868	0.870	0.874	0.873	0.875	ASTM D-4052
Viscosity @ 40°C	cSt	55	71	71	91	91	ASTM D-445
Viscosity @ 100°C	cSt	5.6 – 7.2	9.3 – 12.4	9.3-12.4	12.5-16.2	12.5-16.2	ASTM D-445
Viscosity Index, min.	-	155	156	156	150	150	ASTM D- 2270
CCS, max	mPa-S	6600@-30	6600@-30	7000@-25	6600@-30	7000@-25	ASTM D-5293
Flash Point min.	°C	226	234	234	230	230	ASTM D-92
Pour Point, max.	°C	- 33	-33	-30	- 33	-30	ASTM D-97
TBN, min	mg/g	7.6	7.6	7.6	7.6	7.6	ASTM D-2896
Code	-	103/1	103/2	103/3	103/4	103/5	-

