

APEX SPARK 5W-30 C3 LL SN ACEA C3 SERIES

Extend. Save. Protect.
Advanced Technology Fully Synthetic Engine Oil



Product Data Sheet

Product Description

APEX SPARK 5W-30 C3 LL SN ACEA C3 is an advanced technology fully synthetic high performance engine oil formulated with perfect blend of severely refined fully synthetic and PAO (Polyalphaolefin) basestocks fortified with sophisticated additive technology, specifically to provide extra long oil drain intervals (long life), save fuel consumption, protect antipollution systems and improve overall engine performance. It helps prolong the life and maintain the efficiency of Car Emission Reduction Systems in both diesel and gasoline powered automobile engines, with recent multi-valve engines equipped with turbochargers and direct injection fuel systems. Low content in Sulphated Ash, Phosphorus and Sulphur reduces particulate build up in Diesel Particulate Filters (DPF's) and avoids poisoning of Gasoline Catalytic Converters (CAT's)

Features & Benefits

- Extra long oil drain intervals (>30,000 Km), due to fully synthetic (PAO) baseoils and sophisticated additive technology.
- Very low oil consumption, due to stringent low volatility requirements of ACEA C3-12 & other OEMs.
- Enhanced fuel economy & easy cold starts due to extreme fluidity at low temperatures.
- Optimization of the anti-pollution systems and enhancing its life & efficiency, especially in DPFs & CATs.
- Advanced additive technology, reduces sludge formation which improves engine cleanliness.
- Excellent oxidation & thermal stability, keeps oil in grade, lower acid formation & extend drain intervals.
- Outstanding engine protection, helps maintain longer engine life and compatibility with engine seals.

Specifications

APEX SPARK 5W-30 C3 LL SN ACEA C3 meets or exceeds following International and Builder specifications:

- API SN, CF
- BMW Longlife-04
- MB 229.51
- VW 504.00/507.00
- ACEA C3-12
- Porsche C30
- GM dexos2

Application

APEX SPARK 5W-30 C3 LL SN ACEA C3 series is suitable for use in following:

- Both Gasoline and Diesel Passenger cars, SUVs, light trucks and vans, equipped with DPF, SCR, CAT, SOC.
- Suitable for all types of modern vehicles, including high-performance turbo-charged, supercharged gasoline multi-valve fuel injected engines
- Suitable for the Euro IV standards in most severe conditions of use like latest downsized engines with latest technology of stop & start functionality for fuel savings, sports driving, city and motorway driving.

Typical Characteristics

APEX SPARK LL	Test Method	Units	5W-30
Density @ 15 °C	ASTM D 4052	gm/cc	0.8425
Viscosity @ 100 °C	ASTM D 445	cSt	12.0
Viscosity @ 40 °C	ASTM D 445	cSt	68.85
Viscosity Index	ASTM D 2270	-	173
Pour Point	ASTM D 97	°C	-45
Flash Point (COC)	ASTM D 92	°C	235
Total Base Number	ASTM D 2896	mg KOH/g	8.8
Phosphorous	ASTM D 4951	% wt	0.078
CCS Viscosity	ASTM D 5293	cP	5950 @ -30 °C

The above figures are typical of blends with normal production tolerance and do not constitute a specification.