

# APEX SPARK 5W-30 C3 ESP SN ACEA C3 SERIES

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



## Product Data Sheet

### Product Description

APEX SPARK 5W-30 C3 ESP SN ACEA C3 series is an advanced technology fully synthetic high performance engine oils blended in severely refined fully synthetic basestocks fortified with sophisticated additive technology, specifically to provide extended oil drain intervals, 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 multivalve 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

- Extended oil drain intervals (>20,000 km), due to fully synthetic nature of baseoils and advanced additive technology.
- Reduced oil consumption, due to stringent low volatility requirements of ACEA C3/C2-12 & other OEMs.
- Excellent 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.
- Improved 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 ESP SN ACEA C3 meets or exceeds following International and Builder specifications:**

- API SN, CF
- BMW Longlife-04
- MB 229.31/51/52
- ACEA C3/C2-16
- VW 502/505.00/505.01
- GM dexos2, Hyundai, Kia

### Application

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

- Passenger cars, SUVs, light trucks and vans.
- Suitable for all types of modern vehicles, including high-performance turbo-charged, supercharged gasoline multi-valve fuel injected engines
- Excluded service includes - commercial and racing applications, frequent towing or hauling, extremely dusty or dirty conditions or excessive idling.

### Typical Characteristics

APEX SPARK ESP	Test Method	Units	5W-30	5W-40
Density @ 15 °C	ASTM D 4052	gm/cc	0.845	0.850
Viscosity @ 100 °C	ASTM D 445	cSt	12.0	14.30
Viscosity @ 40 °C	ASTM D 445	cSt	69.55	88.6
Viscosity Index	ASTM D 2270	-	171	168
Pour Point	ASTM D 97	°C	-42	-42
Flash Point (COC)	ASTM D 92	°C	230	235
Total Base Number	ASTM D 2896	mg KOH/g	7.8	7.8
Phosphorous	ASTM D 4951	% wt	0.075	0.075
CCS Viscosity	ASTM D 5293	cP	6050 @ -30 °C	6250 @ -30 °C

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