

# APEX SPARK 0W-40 SN SERIES

Multigrade Gasoline and Diesel – Fully Synthetic Engine Oil



## Product Data Sheet

### Product Description

APEX SPARK 0W-40 SN series is formulated with fully synthetic base stocks and advanced technology additive system to provide very high level of engine protection and performance. It is suitable for higher mileage gasoline and diesel fueled automobiles and light duty trucks requiring an API SN specification, where very high viscosity index oils are preferred to provide longer oil drain intervals in modern engines. It provides maximum protection in engines operating under severe conditions, including high-performance SPARKcharged, supercharged gasoline and certain diesel multi-valve fuel injected systems.

### Features & Benefits

- Excellent fuel economy & easy cold starts due to extreme fluidity at low temperatures.
- High resistant oil film even at high engine operating temperatures.
- Excellent detergency and dispersancy, reduces sludge formation which improves engine cleanliness.
- Excellent oxidation & thermal stability, helps in extending oil drain intervals.
- Outstanding wear protection for greater engine reliability and performance.

### Specifications

**APEX SPARK 0W-40 SN meets or exceeds following International and Builder specifications:**

- API SN, SM, SL, SJ, CF
- BMW Long Life- 01
- ACEA A3/B4
- VW 501 01/505 00
- Porsche A40
- MB 229.3/229.5
- Ford WSS-M2C937-A
- Fiat 9.55535-M2

**APEX SPARK 0W-40 SN meets or exceeds following International and Builder specifications:**

- VW 502 00/505 00
- MB-Approval 229.3
- Porsche A40

### Typical Characteristics

APEX SPARK SN	Test Method	Units	0W-30	0W-40
Density @ 15 °C	ASTM D 4052	gm/cc	0.848	0.850
Viscosity @ 100 °C	ASTM D 445	cSt	10.4	14.30
Viscosity @ 40 °C	ASTM D 445	cSt	58.65	88.6
Viscosity Index	ASTM D 2270	-	169	168
Pour Point	ASTM D 97	°C	-42	-42
Flash Point (COC)	ASTM D 92	°C	212	228
Total Base Number	ASTM D 2896	mg KOH/g	10.2	10.2
Phosphorous	ASTM D 4951	% wt	0.1	0.1
CCS Viscosity	ASTM D 5293	cP	4560 @ -30 °C	4650 @ -35 °C

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