

Samic Excel Jade C3 SN series

Advanced Performance Fully Synthetic Engine Oils

Product Data Sheet



Product Description

Samic Excel Jade C3 SN series is a fully synthetic range of advanced performance engine oils blended in high performance synthetic technology base stocks fortified with advanced technology additive system, specifically formulated to provide exceptional cleaning power, wear protection and overall 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)

Performance & Customer Benefits

- Optimization of the anti-pollution systems & extending its lifespan, especially the **DPF's & CAT's**.
- Excellent fuel economy & easy cold starts due to extreme fluidity at low temperatures.
- Advanced additive technology, reduces sludge formation which improves engine cleanliness.
- Excellent oxidation & thermal stability, helps in extending oil drain intervals.
- Outstanding engine protection, helps maintain longer engine life and greater compatibility with engine seals.

Specifications & Recommendations

Samic Excel Jade meets or exceeds following International and Builder specifications:

- API SN, CF
- ACEA C3/C2
- BMW Longlife-04
- VW 502/505
- MB 229.31
- Porsche C30

Main Application

Samic Excel Jade C3 SN 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 & diesel 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 Physical Characteristics

Samic Excel Jade C3	Test Method	Units	0W-20	0W-30
Density @ 15 °C	ASTM D 4052	gm/cc	0.840	0.840
Viscosity @ 100 °C	ASTM D 445	cSt	8.6	10.4
Viscosity @ 40 °C	ASTM D 445	cSt	44.65	57.0
Viscosity Index	ASTM D 2270	-	175	175
Pour Point	ASTM D 97	°C	-42	-42
Flash Point (COC)	ASTM D 92	°C	220	228
Total Base Number	ASTM D 2896	mg KOH/g	7.6	7.6
Phosphorous	ASTM D 4951	% wt	0.078	0.078
CCS Viscosity	ASTM D 5293	cP	5050 @ -35 °C	5650 @ -35 °C

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