

# Samic Primal Jade SN/CF series

Fully Synthetic - Multigrade Gasoline and Diesel Engine Oil



## Product Data Sheet

### Product Description

Samic Primal Jade SN/CF series is designed with high quality fully synthetic base stocks and latest technology additive system to provide excellent level of protection and performance. It works harder than other conventional motor oils by continuously preventing dirt and sludge build-up and reduces engine noise. This product meets the requirements of most car manufacturers and is suitable for use in both gasoline and diesel, naturally aspirated or turbo charged engines, operating in all round seasons and adapted to vehicles equipped with catalytic converters running on unleaded fuels.

### Performance & Customer Benefits

- Superior protection against viscosity and thermal breakdown.
- Excellent detergency and dispersancy.
- Superior sludge protection for greater engine reliability.
- Enhanced wear protection and improved engine cleanliness.
- Easier cold starts and improved fuel economy compared to mono-grade engine oils.

### Specifications & Recommendations

**Samic Primal Jade meets or exceeds following International and Builder specifications:**

- API SN, SM, SL, SJ, CF
- ACEA A3/B3, A3/B4
- MB Approval 229.1
- Volkswagen VW 501.01/505.00

### Main Application

Samic Primal Jade is suitable for use in following:

- Automotive gasoline and diesel engines.
- Passenger cars, SUVs, light trucks and vans.
- Moderate duty LPG vehicles.
- Naturally aspirated or turbo-charged engines.
- Fuel injected or indirect injection diesel engines fitted with blow-by recirculation systems.

### Typical Physical Characteristics

| Samic Primal Jade  | Test Method | Units    | 20W-40        | 20W-50        |
|--------------------|-------------|----------|---------------|---------------|
| Density @ 15 °C    | ASTM D 4052 | gm/cc    | 0.888         | 0.890         |
| Viscosity @ 100 °C | ASTM D 445  | cSt      | 14.30         | 20.4          |
| Viscosity @ 40 °C  | ASTM D 445  | cSt      | 107           | 175           |
| Viscosity Index    | ASTM D 2270 | -        | 137           | 136           |
| Pour Point         | ASTM D 97   | °C       | -30           | -30           |
| Flash Point (COC)  | ASTM D 92   | °C       | 230           | 236           |
| Total Base Number  | ASTM D 2896 | mg KOH/g | 10.1          | 10.1          |
| Sulfated Ash       | ASTM D 872  | % wt     | 1.1           | 1.1           |
| CCS Viscosity      | ASTM D 5293 | cP       | 6020 @ -15 °C | 6060 @ -15 °C |

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

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