

# OKINAWA ENGINE OIL SAE 20W-50 API SJ/CF

## (High Performance Multigrade Oils for Passenger Car Engines)

### DESCRIPTION

OKINAWA ENGINE OIL SAE 20W-50 API SJ/CF is high performance multigrade engine oils formulated from high quality base oils combined with modern performance additives to help provide long engine life and protect critical engine parts from lubricant related failures for up to 5,000 miles, providing wide temperature range engine protection.

### APPLICATIONS

OKINAWA ENGINE OIL SAE 20W-50 API SJ/CF is suitable for petrol engines fitted with conventional carburetors and for naturally aspirated or turbo-charged indirect injection diesel engines (passenger cars and light industrial) vehicles. It could be used in all operating conditions (city traffic, road, motorways), whatever the season.

### PROPERTIES

OKINAWA ENGINE OIL SAE 20W-50 API SJ/CF is specially formulated using extra cleaning additive to help protect against sludge and engine deposits. Additionally, pour point depressants and a viscosity index (VI) improvers are included to provide the optimum fluidity and viscosity across a broad range of temperatures & to provide extra protection against the harmful effects of stop-and-go driving and high and low temperature engine operation. It contains a double layer of engine wear protection.

### PERFORMANCE FEATURES AND BENEFITS

- Superior engine wear protection
- Superior cleansing technology to help stop dirt and sludge build up
- Reduced high temperature engine deposits
- Superior engine protection during start up, warm-up and normal driving conditions
- Long-term wear protection of engine parts (distribution, ring, plunger and liner) increasing engine life.
- Can be used in both Diesel & LPG engines
- Excellent thermal and oxidation stability
- Reduces wear due to advanced base oils
- Helps clean and protect older engines
- Meets the most demanding car manufacturer's requirements
- Ensures the important engine seals stay soft and pliable to minimize oil leakage.

### RECOMMENDATIONS / SPECIFICATIONS

International Standards : API SJ/CF, ACEA: A3/B3

Meets or exceeds: MB 229.1, VW 505.00/VW 501.00

Recommended for use: Ford, GM, PSA, BMW, VW, Audi and Mercedes-Benz

### TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J300	20W-50
PRODUCTS CODE:	PCMO-24047.5
Density at 15°C, g/ml, ASTM D4052	0.893
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	8000 @-15°C
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	181.3
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445	19.51
Viscosity Index, ASTM D2270	124
Flash Point(COC), °C, ASTM D92	238
Pour Point, °C, ASTM D97	-24
Total Base Number (TBN), mg KOH/g, ASTM D2896	7.2

Note: These characteristics are typical of current production. While future production will conform to current specification, variations in these characteristics may occur.  
PDS/AL/05-12421-28AL/03\*, 04.07.24, Page 1/1  
\* supersedes all previous versions

Packing : 700 ml ,800 ml , 1L , 2L, 3L, 4L, 5L, 6.5L, 7L, 8L,16L,18L, 20L, 25L, 200L, 205L, 208L, 210L