



## PRODUCT INFORMATION & DATA SHEET

### PRINCE® FS2 SAE 0W-30

The Fuel-Efficient Fully Synthetic Motor Oil.

FS2 SAE 0W-30 is an emission-concerned mid-SAPS fully synthetic motor oil engineered with cutting-edge additive package and chosen base oils to fulfil a set of demands from recent generation high-performance gasoline passenger cars and light-duty trucks of Citroën, Peugeot and Land Rover with modern catalyst and soot particulate filter. This motor oil is also excellently suitable for the demanding Asian gasoline engines with and without hybrid and turbocharger, which require an API SN Plus or ACEA C2 specified motor oil.

This motor oil comply with the following specifications:

API SN Plus, ACEA C2, Ford WSS-M2C950-A, Jaguar Land Rover STJLR.03.5007, PSA B71 2312

Some of the benefits of using this motor oil:

- Ashless detergent components maintain the highest engine cleanliness and prevent losses of engine performance by fighting-off power robbing deposits and sludge.
- Cutting-edge anti-friction technology improves fuel economy and minimizes wear and tear especially under frequent traffic stop-start condition.
- Ensures gasoline direct injection (GDI) engine has the highest protection against stochastic pre-ignition (LSPI) phenomenon.
- Good lubricity in winter temperatures which allows for an easier start up and pumpability ensuring rapid lubrication and protection.
- Reliable protection on timing chain of the camshafts/crankshaft allowing precise operation timing of engine valves during each cylinder firing.
- Outstanding thermal stability helps to slow down oil ageing resulting for a long-lasting engine protection and longer oil life.
- Safe operations of three-way catalysts (TWC), selected catalysts reduction (SCR) and soot particulate filters due to low content of sulphated ash and sulfur.

#### Areas of application

For use in gasoline and diesel powered naturally aspirated, turbocharged, direct injected (EcoBoost, GDI, TGD, TDI) engines with and without gasoline/diesel particulate filter and catalyst system. It complies with requirements of the ACEA C2 specification with specially geared to lower SAPS content and reduced HTHS viscosity value for wide variety of engine applications, including a number of emission-concerned downsized and hybrid assisted gasoline engines.

The API SN Plus specification is backward compatible with API SN, SM and SL.

This motor oil supports extended drain interval (up to 30,000 km) for the latest vehicle models of Citroën, Peugeot and Land Rover. Observes manufacturer's recommendation.

## Service recommendation

Follow the oil drain interval required by the respective manufacturers. Observe the owner's manual booklet. Recommend to flush before add in new oil. Change oil filter at time of oil change.

## Commercially available product compatibility

Our fully synthetic motor oil is compatible with other fully synthetic, synthetic and/or conventional motor oils. Peak performance is guaranteed only upon using alone without mixing with other motor oils. Our motor oil products are designed and developed with appropriate additive package. Hence, aftermarket oil additive products are not recommended for used alongside.

## Typical properties

<u>SAE Viscosity</u>		<u>0W-30</u>
Viscosity Index (VI)	ASTM D2270	168
Viscosity at 100 °C; mm <sup>2</sup> /s	ASTM D445	9.7
Viscosity at 40 °C; mm <sup>2</sup> /s	ASTM D445	52.5
Density at 15 °C; kg/m <sup>3</sup>	ASTM D4052	843.0
HTHS Viscosity at 150 °C; cP	ASTM D4683	3.1
Flash Point; °C	ASTM D92	224
Pour Point; °C	ASTM D97	-36

## Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.