



# LUBE FR+ SAE 5W-30

100% synthetic fuel economy “Mid SAPS” oil for gasoline and diesel engines

## USES

Specifically developed to meet the PSA B71 2290 and Renault RN-17 5W-30 specifications.

These stringent specifications apply to Peugeot, Citroën, DS, and Renault, Dacia vehicles. They help to improve fuel efficiency and allow to reduce O<sub>2</sub> emissions.

Can be used in other gasoline and diesel engines where SAE 5W-30 grade ACEA C2 or C3, or API SP oils are specified by the manufacturer.

**Approval:** Peugeot Citroën Automobiles PSA B71 2290 , Renault RN17

**Specifications:** ACEA C3, ACEA C2, API SP, RN0700/0710, MB 229.52 / MB226.52



## MAIN PHYSICAL DATA

		Methods	Units	5W-30
Density at	20°C	ASTM D4052	kg/m <sup>3</sup>	850
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	70.2
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	12.1
Viscosity index		ASTM D2270		170
Pour point		ASTM D97	°C	-42
Cleveland Open Cup Flash Point		ASTM D92	°C	231
Dynamic viscosity at	-30°C	ASTM D5293	mPa·s	6000
HTHS viscosity (150°C)		CEC L-036-90	mPa·s	3.5
Sulphated ash		ASTM D874	% mass	0.7
Total Base Number (TBN)		ASTM D2896	mgKOH/g	8.5

*The data given in this table represents typical production values and should not be taken as specifications.*

## PROPERTIES & ADVANTAGES

- ▶ Put through specific 2019 PSA engine and laboratory tests, including the latest oil ageing tests required for low speed pre ignition (LSPI) compatibility.
- ▶ “Mid SAPS” formula containing lower levels of sulphated ash, phosphorous and sulphur extends the service life of particulate filters (DPF) and catalytic converters.
- ▶ Low HTHS viscosity at 150°C for greater fuel savings.
- ▶ Outstanding resistance to oxidation, even to VOME (vegetable oil methyl esters ), allows for safe prolonged periods between oil changes



[facebook.com/yaccosas](https://www.facebook.com/yaccosas)



[twitter.com/yaccosas](https://twitter.com/yaccosas)



[youtube.com](https://www.youtube.com)

