



# LUBE F – SAE 5W-20

100% synthetic fuel economy engine oil

## USES

Specially designed to be FORD WWS-M2C948-B compliant, this being required by various FORD gasoline\* engines. Also suitable for Jaguar Land Rover 3.0L V6 and, 5.0L V8 gasoline engines until 2014 requiring Ford WSS-M2C925-A/B specification.

LUBE F 5W-20 is also suitable for any other type of gasoline engine where the manufacturer recommends the use of API SP/SN+/SN or ACEA C5 SAE 5W-20 engine oil.

### Specifications: ACEA C5

Ford WSS-M2C948-B acknowledgement (exceeds Ford WSS-M2C925-A/B)  
Chrysler MS 6395

Approval: API SP; API SN+

## MAIN PHYSICAL DATA

		Methods	Units	5W-20
Density at	20°C	ASTM D1298	kg/m <sup>3</sup>	850
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	42
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	8
Viscosity index		ASTM D2270		166
Pour point		ASTM D97	°C	-36
Cleveland Open Cup Flash Point		ASTM D92	°C	206
Dynamic viscosity at	-30°C	ASTM D5293	mPa·s	4060
HTHS viscosity		CEC L-036-90	mPa·s	2.6
Sulphated ash		ASTM D874	% mass	0.8
Total Base Number (TBN)		ASTM D2896	mgKOH/g	7.7

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

## PROPERTIES & ADVANTAGES

- Low viscosity (SAE 5W20) provides quick oil flow, increases fuel economy, reduces CO<sub>2</sub> and exhaust gas emissions, and offers excellent engine protection against wear.
- Maintains initial engine performance and reduces fuel consumption between each oil change.
- Limits the formation of deposits and keeps engines clean.
- Specific additives provide optimal engine protection in all temperatures and service conditions.

- Depending on Ford's requirements, use one of the following products:
- YACCO GALAXIE RS / YACCO VX 1000 LL 0W-40 (Ford WSS-M2C937-A)
- YACCO VX 1000 FAP 5W-40 (Ford WSS-M2C917-A)
- YACCO LUBE F 5W-30 (Ford WSS-M2C913-D)
- YACCO VX1800 0W-20 (Ford WSS-M2C954-A1 or M2C962-A1 or M2C947-B1)
- YACCO LUBE GDI 5W-30 (Ford WSS-M2C946-A)
- YACCO LUBE J 5W-30 (Ford WSS-M2C934-B)
- YACCO LUBE F 0W-30 (Ford WSS-M2C950-A)
- YACCO LUBE F 0W-20 (Ford M2C952-A1)



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



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



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

