

Product Data Sheet

5W-20

With today's smaller, more compact modern engines running hotter than ever, and congested stop/start traffic increasing operating temperatures further, the conditions couldn't be more challenging and hostile for an oil. To achieve maximum thermal efficiency, engines need to stay cool in the face of aggressive heat.

Description and Applications

is a fully synthetic lubricant that effectively controls the heat, resisting oxidation and preventing oil degradation and deposit build up, to protect parts and maintain engine efficiency for the full drain interval.

is formulated with environmentally friendly lubricant technology to be suitable for maintaining high efficiency of the exhaust gas after treatment systems and fuel economy.

is especially designed for passenger cars using direct injection turbocharged gasoline engines and diesel engines such as Ford (please refer to the owner's manual).

Benefits

- Outstanding protection against oil thickening caused by the oxidation of the lubricant accelerated by the use of biodiesel fuel. Thanks to its strong oil chains, which helps to maintain stable performance and maximize the efficiency of your engine for the entire drain interval.
- Outstanding resistance to engine sludge formation caused by oil degradation. Effectively controls the formation of sludge throughout the engine, ensuring every part of the engine performs at its maximum efficiency, maximizing power conversion and lowering emissions.
- Outstanding lubrication capability to protect against abnormal wear in the valvetrain and cylinder wall, providing vital defense against engine damage that leads to deterioration in engine performance and increase in emissions.
- Outstanding control of damaging heat to prevent turbocharger and piston deposits, which extends the life of your engine parts, maximizing engine efficiency and delivering maximum performance for longer
- Outstanding piston cleanliness performance by effectively controlling the increase in piston temperature caused by combustion leading to longer engine life and maximizing power output and fuel efficiency

Specifications and Recommendations

Specifications:

- API SN
- ACEA C5

Meet requirements:

- Ford WSS-M2C948-B
- Jaguar STJLR.03.5004

Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	-	-	Clear and Bright
Density @15°C	ASTM D 4052	g/cm ³	0.858
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	7.9
Viscosity Index	ASTM D 2270	-	163
Flash Point COC	ASTM D 92	°C	232
Sulphated Ash	ASTM D 874	%	0.74
TBN	ASTM D 2896	mgKOH/g	8.12
CCS at -30°C	ASTM D5293	mPa·s	4020
Pour Point	ASTM D97	°C	-39