



SPECIFIC 229.51

5W-30

Gasoline and Diesel oil for EURO IV engines

100% Synthetic

TYPE OF USE

Specifically designed for Mercedes-Benz recent cars fitted with EURO IV engines that require "Mid SAPS" lubricants : low Sulphur (< 0.2%), low Phosphorus (< 0.08%) and low Sulphated Ashes (<0.8%).

Refer to carmaker oil specification.

PERFORMANCES

APPROVALS Mercedes Benz 229.51

* Engines compliant with EURO IV anti pollution regulation are fitted with sensitive systems for exhaust gas post treatment :

- Sulphur and Phosphorus inhibit catalytic convertors operation and can damage catalytic components : inefficient exhaust gas treatment.
- Sulphated Ashes clog diesel particulate filters : shorten regenerating cycle, higher fuel consumption and engine power loss.

Mercedes-Benz developed MB 229.51 standard for Mid SAPS lubricants (low Sulphur, Phosphorus and Sulphated Ashes) compatible with post treatment systems. Those oils allow reaching flexible drain intervals managed by computer on board.

RECOMMENDATION

Drain interval : refer to manufacturers' recommendations and tune to your own use.

Do not mix with lubricants not MB 229.51 compliant.

PROPERTIES

Viscosity grade	SAE J 300	5W-30
Density at 20°C (68°F)	ASTM D1298	0.848
Viscosity at 100°C (212°F)	ASTM D445	12.1 mm²/s
Viscosity at 40°C (104°F)	ASTM D445	72.6 mm²/s
Viscosity index	ASTM D2270	164
Pour point	ASTM D97	-39°C / -38°F
Flash point	ASTM D92	234°C / 453°F
TBN	ASTM D 2896	8.0 mg KOH/g