



ManBull 5W30 C3 MB229.51

ManBull 5W30 C3 MB229.51 is a full synthetic lubricant based on carefully selected very high quality base oils, formulated to meet Euro 4 and Euro 5 norms and the demanding MB 229.51 specifications, and to ensure exceptional performance in terms of oxidation resistance, soot and sludge formation. It is a Mid SAPS oil of the latest generation with low sulfated ash, sulfur and phosphorus content. It provides complete protection of after-treatment devices and Diesel Particulate Filters.

APPLICATIONS

Euro 4 and 5 gasoline and diesel engines of Mercedes Benz, Smart and Chrysler vehicles that are equipped with a DPF. Fully backwards compatible for engines of previous generations (Euro 1, 2, 3).

SPECIFICATION LEVEL OR PERFORMANCE

- VW 502.00/505.00/505.01
- API SN/CF
- ACEA C3-10
- MB 229.51/229.31
- BMW LONG-LIFE 04

FEATURES

Total engine protection : Outstanding engine cleanliness and durability.

After Treatment protection : Complete protection of the DPF filter.

Fuel economy : Lower fuel consumption and CO₂ emissions.

TYPICAL CHARACTERISTICS :

Test		Unit	Average result
Density at 15°C		kg/l	0.851
Viscosity at -30°C		mPas	5540
Viscosity at 40°C		mm ² /s	68.90
Viscosity at 100°C		mm ² /s	12.10
Viscosity index			175
Flash point COC		°C	228
Pour point		°C	-39
TBN		mg KOH/g	7.10

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.