



ManBull 5W40 MB229.3

ManBull 5W40 MB229.3 motor oil is a full synthetic lubricant based on carefully selected high quality base oils and high quality additives of the latest generation, specially designed to meet the strict requirements of manufacturers. This provides an excellent fluidity at low temperatures, a very low resistance when starting, an exceptional viscosity index and a very high thermal stability.

APPLICATIONS

This oil is used in gasoline engines of cars, which demand the highest performance and diesel engines of passenger cars with turbo and direct fuel injection. The high quality allows extended drain intervals, according to the specific requirements of manufacturers.

SPECIFICATION LEVEL OR PERFORMANCE

- ACEA A3/B4-12
- API SN/CF
- BMW LONGLIFE-01
- MB 226.5
- MB 229.3
- OPEL GM-LL-B-025
- FIAT 9.55535-M2
- PORSCHE A40
- VW 502.00
- VW 505.00

TYPICAL CHARACTERISTICS :

Test		Unit	Average result
Density at 15°C		kg/l	0.853
Viscosity at -30°C		mPas	5740
Viscosity at 40°C		mm ² /s	90.20
Viscosity at 100°C		mm ² /s	15.00
Viscosity index			175
Flash point COC		°C	223
Pour point		°C	-42
TBN		mg KOH/g	10.50
Sulfated ash		massa %	1.33

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