

## ManBull 5W30

ManBull 5W30 is a full synthetic lubricant based on carefully selected very high quality base oils, providing outstanding wear and sludge protection, even under the most severe driving conditions. Due to its enhanced frictional properties, improved fuel economy is obtained.

### APPLICATIONS

This motor oil has been specially designed to meet the latest requirements for most American and Asian passenger cars, SUV's and light vans. Originally intended for fuel-injected gasoline engines, including turbo-charging and multi-valves, it can also be used in light duty diesel engines without particulate filters.

### SPECIFICATION LEVEL OR PERFORMANCE

- VW 502.00/505.00
- ACEA A3-12/B4-12
- API SN/CF
- MB 229.3/226.5
- BMW LONG-LIFE 01
- RENAULT RN 0700

### FEATURES

Total engine protection: outstanding engine cleanliness and durability.

Cold start: excellent fluidity at low temperature.

Fuel economy: lower fuel consumption and CO<sub>2</sub> emissions.

### TYPICAL CHARACTERISTICS :

Test		Unit	Average result
Density at 15°C		kg/l	0.856
Viscosity at -30°C		mPas	6300
Viscosity at 40°C		mm <sup>2</sup> /s	64.30
Viscosity at 100°C		mm <sup>2</sup> /s	10.90
Viscosity index			162
Flash point COC		°C	228
Pour point		°C	-45
TBN		mg KOH/g	8.10
Sulfated Ash		massa %	0.88

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