



# WHEELERS MOTOR OIL- WBM

## SAE 5W-40

Fully Synthetic High Performance Motor Oil for Passenger Cars with Exhaust After treatment and without.

### Description

**Wheelers Motor oil WBM SAE 5W-40** is a high performance low friction oil of the new "Low SAP"-generation. It was designed on base of synthetic oils, and it is foreseen for passenger car engines with exhaust aftertreatment devices (catalytic converter, diesel particulate filter) and without. Due to its progressive conception it provides an extremely wide range of performances:

**Wheelers Motor oil WBM SAE 5W-40** provides:

- Low sulphur-, phosphorus- and ash-content reduce poisoning of catalysators in gasoline engines and decrease the built-up of particles in the diesel particulate filter (DPF) and assist thus the environmental protection by lower pollution. This enhances especially CO<sub>2</sub>-emission.
- The special formulation assures best wear protection und maximum motor cleanliness. It reduces gumming on thottles and valves and supports the optimal operation of the systems.
- Best low temperature properties enable unproblematic cold-start of the motor and contribute decidingly to a longer operating life of the engine by rapid oil circulation.
- The oil is optimally adapted to modern passenger cars and vans with service interval extension and without, and it contributes clearly to the reduction of fuel- and oil consumption.
- May also be used for Diesel engines with unit-injector.

### Specification / Recommendation

ACEA A3-/B4-C3

API SN / CF

Porsche A 40

Renault RN0700 & RN0710

Ford WSS-M2C917A

VW 502 00 / 505 00 / 505 01 (PD).

BMW LongLife-04

MB-229.51 (covers 229.31)

### Nominal Values

Wheelers WBM SAE 5W-30	Unit	Value	Method
Density at 15°C	kg/m <sup>3</sup>	854	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	81,5	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	13,50	DIN 51 562
Viscosity Index		169	DIN ISO 2909
CCS at -35°C	mPa.s	6240	DIN 51 377
Pourpoint	°C	-36	DIN ISO 3016
Flashpoint	°C	232	DIN ISO 2592
TBN	mg KOH/g	7,3	DIN ISO 3771

Specification variations in these characteristics may occur the instructions of manufacturer must be regarded. Further informations to be available by MSDS.

**Wheelers GmbH**  
Jubiläumsstraße 2  
01139 Dresden / Germany  
Tel. 49 - (0) 351 16056831