



# WHEELERS MOTOR OIL -WLV

## SAE 5W-30

### High Performance Low Friction Oil for Passenger Car Engines with Exhaust Gas After treatment or without.

#### Description:

**Wheelers WLV SAE 5W-30** is a high performance low friction oil for the latest models of passenger cars- and van- motors, which are operating with diesel fuel or gasoline. The lubricant, formulated with base oils from the synthesis technology and additives of low ash, low phosphorus and low sulphur (low SAPS), was developed in particular for engines with diesel particulate filter. The low amount of ash-forming additives also increases the efficiency and lifetime of three-way catalytic converters of gasoline engines and of other exhaust after treatment devices.

#### Properties:

**Wheelers WLV SAE 5W-30** assures.

- by application of the latest additive technology the best motor cleanliness, reduced friction of moving components and thus a long lifetime of the engine.
- least possible load on the particulate filter by low SAPS-technology.
- maximum fuel economy by dropped high temperature viscosity (HTHS).
- minimized wear during warming up the motor by fast engine oiling.
- maximum pollution control by minimized oil-related emissions.

#### Specifications / Recommendation

ACEA C1-04

ACEA A5-/B5-04

JASO DL-1

Mazda DPF

Mitsubishi DPF

**Caution: Wheelers WLV SAE 5W-30** is a low-viscous "low SAPS-oil", and thus it might be not suitable for some engines. Please regard the constructor's manuals!

#### Typical Values

Wheelers WLV SAE 5W-30	Unit	Value	Method
Density at 15°C	kg/m <sup>3</sup>	850	DIN 51 757
Density at 40°C	mm <sup>2</sup> /s	51,40	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	9,4	DIN 51 562
Viscosity index		169	DIN ISO 2909
CCS at -30°C	mPa.s	6030	DIN 51 377
HTHS at 150°C	mPa.s	3,03	ASTM D4683
Pourpoint	°C	-39	DIN ISO 3016
Flashpoint	°C	228	DIN ISO 2592
TBN	mg KOH/g	6,3	DIN ISO 3771

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

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