

# 5W-40 C3 Pro

## Description and Properties:

**5W-40 C3 Pro** 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:

- 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 throttles and valves and supports the optimal operation of the systems.
- Best low temperatur properties enable unproblematic cold-start of the motor and contribute decisively 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-consumtion.
- May also be used for Diesel engines with unit-injector.

## Specification / Recommendations:

ACEA C3	MB 226.5
API SN/CF	VW 502 00 / 505 00 / 505 01
BMW LONGLIFE-04	PORSCHE A40
GM dexos 2	RENAULT RN 0700 / RN 710
MB 229.51	Ford WSS -M2C917-A
MB 229.31	Fiat 9.55535-S2

## Typical Values:

5W-40 C3 Pro	Unit	Value	Method
Density at 15°C	kg/m <sup>3</sup>	850	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	80,1	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	13,6	DIN 51 562
Viscosity Index		175	DIN ISO 2909
CCS at -30°C	mPa.s	5250	DIN 51 377
Pourpoint	°C	-42	DIN ISO 3016
Flash point	°C	232	DIN ISO 2592
TBN	mg KOH/g	8,0	DIN ISO 3771

*Specification variations in these characteristics may occur. The instructions of manufacturer must be regarded.*

*Further information available by MSDS.*

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