



Product Information 01.30.76

21-03-2014

Armado Synth MSP 5W-40

Description

Armado Synth MSP 5W-40 is a premium, synthetic motor oil specially developed for the latest generation of heavy-duty diesel engines. Special Mid SAPS additive technology, combined with premium base oils, ensures that this premium product provides the following benefits:

- A low sulfate ash, phosphorus and sulfur content, which makes this product suitable for use in engines fitted with an exhaust gas after-treatment device
- Reduced fuel consumption
- Excellent cleaning ability, as a result of which deposits, sludge and particle formation are kept to a minimum
- Superb protection against wear
- Excellent oxidation and corrosion resistance

Application

Armado Synth MSP 5W-40 is a premium, fuel-saving synthetic motor oil specially developed for the latest heavy-duty diesel engines. When used with low-sulfur diesel fuels, its Mid SAPS technology makes this product highly suitable for use in clean Euro 5 and Euro 6 engines, whether fitted with an exhaust gas after-treatment device (particulate filter and/or SCR catalytic converter) and/or an EGR system, or not. If the manufacturer so specifies, longer oil change intervals may be applied.

Specifications

ACEA E7/E9	API CJ-4/SM	MB-Approval 228.31
MAN M 3575	Volvo VDS-4	Mack EO-O Premium Plus, Renault VI RLD-3
Meets the requirements of	Cummins CES 20081	Detroit Diesel 93K218/93K215/93K214
Cat ECF-2/ECF-3		

Typicals

Density at 15 °C, kg/l	0,856
Viscosity -30 °C, mPa.s	5740
Viscosity 40 °C, mm ² /s	88,40
Viscosity 100 °C, mm ² /s	13,90
Viscosity Index	161

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.



Flash Point COC, °C	220
Pour Point, °C	-36
Total Base Number, mgKOH/g	10,3
Sulphate Ash, %	0,95

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.