

ESSENTIAL SAE 5W-40 MS-C3

Multifunctional motor oil in viscosity class SAE 5W-40.

Description

ESSENTIAL SAE 5W-40 MS-C3 is a motor oil produced on the basis of HC-synthesis with a wide application range. It has been developed for modern cars with/without maintenance interval extension and with exhaust after-treatment systems.

Application

ESSENTIAL SAE 5W-40 MS-C3 has been developed to meet the needs of modern petrol and diesel powered vehicles. According to manufacturer specifications, it can be used both in vehicles with exhaust after-treatment systems (DPF = Diesel Particle Filter), in VW pump injector motors, as well as in vehicles with petrol and diesel engines, with and without turbocharging.

Additionally this product is recommended when the following filling instructions are required

- ACEA C3
- API SN/CF
- BMW Longlife-04
- GM dexos2
- MB 229.31/229.51
- Porsche A40
- Renault RN 0700/0710
- VW 502 00/505 01

Benefits

- prime rationalisation potential with multifunctional application in diesel and petrol engines
- low sulphated ash, phosphorous and sulphur content goes easy on diesel particle filters and catalytic converters
- prevents deposits from forming in the engine
- low oil consumption
- good cold start properties and fast lubrication of the engine
- mixable and compatible with conventional and synthetic motor oils. In order to fully utilise all the product advantages of ESSENTIAL SAE 5W-40 MS-C3, a complete oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.848
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	93,89
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	15,20
Viscosity index	ASTM D-7042	-	171
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	230
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-33
CCS	ASTM D-5293	cP @ °C	6050 @ -30
Total base number	DIN 51639-1	mgKOH/g	8,1
HTHS	ASTM D4683	mPas	4,13
Sulphated ash	ASTM D874	wt-%	≤ 0,8

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe.com.de).

