

ESSENTIAL SAE 5W-40

Motor oil developed for modern cars with petrol or diesel engines, with and without turbocharging.

Description

ESSENTIAL SAE 5W-40 is a motor oil produced on the basis of HC-synthetic oil. Its high performance level is a result of the synergy between the base oils and the additives.

Application

ESSENTIAL SAE 5W-40 has been developed to meet the needs of modern petrol and diesel powered vehicles. It is suitable for vehicles with petrol and diesel engines, with and without turbocharging, and is used for vehicles without maintenance interval extension. It enables a wide application spectrum under all operating conditions.

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

- ACEA A3/B4
- API SN/CF
- MB 229.3
- PSA B71 2296
- Renault RN 0700/0710
- VW 502 00/505 00

Benefits

- suitable for turbo engines
- prevents adhesion, varnish formation and coking
- safe year-round operation
- good cold start properties and fast lubrication of the engine
- stable lubricating film, even when oil is hot
- high oxidation protection
- flawless functioning of hydraulic tappets
- low oil consumption
- mixable and compatible with conventional and synthetic motor oils. In order to fully utilise all the product advantages of ESSENTIAL SAE 5W-40, a complete oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.856
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	90
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	14,7
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	-36
CCS	ASTM D-5293	cP @ °C	6200 @ -30
Total base number	DIN 51639-1	mgKOH/g	10,6
HTHS	ASTM D4683	mPas	4,2
Sulphated ash	ASTM D874	wt-%	≤ 1,6

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).

ROWE MINERALÖLWERK GMBH
Langgewann 101, D-67547 Worms



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