

HIGHTEC SYNT RS D1 SAE 5W-30

Extremely fuel-efficient, high-performance engine oil based on HC synthetic base oils. Specifically developed to meet the stringent API SP RC, ILSAC GF-6A and GM dexos1 Gen 2 requirements.

Description

HIGHTEC SYNT RS D1 SAE 5W-30 is a high-performance engine oil based on HC synthetic base oils. It provides a significant fuel saving potential, excellent wear and catalytic converter protection and ensures excellent cleanliness of the engine and pistons at the same time. Specifically developed to meet the stringent API SP RC (resource conserving), ILSAC GF-6A and GM dexos1 Gen 2 requirements.

Application

HIGHTEC SYNT RS D1 SAE 5W-30 is used in modern petrol engines, especially from American and Asian manufacturers according to the manufacturer's specification. It extends the functionality of 3-way catalytic converters, ensures clean pistons and engines, prevents deposits in turbochargers (black sludge) as well as corrosion and white sludge, even when ethanol fuels (E85) are used.

The quality of this product is equivalent to EU regulations

- API SP RC/SN PLUS RC (Resource Conserving)
- ILSAC GF-5/-6A
- Ford WSS-M2C929-A/946-A
- GM dexos1 Gen 2

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

- Chrysler MS-6395 (T)
- Ford WSS-M2C945-A
- GM 6094M/4718M
- Honda/Acura HTO-06

Benefits

- Excellent economy grade for passenger cars equipped with petrol engines, especially those manufactured in America and Asia
- Backward compatible with most of the former GM specifications, such as GM 6094M, GM 4718M, etc.
- It meets the ILSAC GF-6A requirements and is backward compatible with GF-5/-4 and GF-3
- It meets the API SP RC requirements (resource conserving) for improved fuel efficiency and reduced CO2 emissions and is backward compatible with API SN PLUS, SN, SM, SL, SJ
- It prevents the deactivation of the stainless steel surfaces in a 3-way catalytic converter with reduced phosphorus entry
- The excellent resistance during operation with ethanol (E85) protects against corrosion and white sludge
- Improved piston, turbocharger and engine cleanliness for reliable operation, maximum mileage and lower service costs
- Very good cold-starting properties and rapid engine lubrication
- Low oil consumption due to a very low evaporation loss
- Highest oxidation stability due to special HC synthetic oils
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full product benefits of HIGHTEC SYNT RS D1 SAE 5W-30, a complete oil change is recommended.

Notices

HIGHTEC SYNT RS D1 SAE 5W-30 has been developed for performance capability and fuel-efficiency in modern passenger car petrol engines. HIGHTEC SYNT RS D1 SAE 5W-30 is not recommended for use in diesel engines!



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Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.849
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	60,12
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	10,8
Viscosity index	ASTM D-7042	-	173
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	235
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-39
CCS	ASTM D-5293	cP @ °C	4500 @ -30
Total base number	DIN 51639-1	mgKOH/g	9,0
HTHS	ASTM D4683	mPas	3,1

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-oil.com).

