

HIGHTEC FORMULA SAE 10W-40 TS-Z

High-performance engine oil with HC synthetic base oils. Developed specifically for use in 4-stroke motorcycles with wet-running oil bath clutches.

Description

HIGHTEC FORMULA SAE 10W-40 TS-Z is a high-performance engine oil of SAE grade 10W-40 produced using HC synthetic oil and selected base oils. Its exceptionally high level of performance is achieved through the interaction of this special base oil composition and the advanced additives.

Application

HIGHTEC FORMULA SAE 10W-40 TS-Z is particularly suitable for all 4-stroke motorcycles with a shared oil circulation system for the engine, clutch and gears. It is characterised by a high thermal load capacity and provides a stable lubricating film, even under continuous stress. In so doing, it meets the stringent friction coefficient JASO MA2 requirements for best clutch performance.

The quality of this product is equivalent to EU regulations

- API SL/SJ/SH/SG
- JASO MA2

Benefits

- Outstanding protection against wear and corrosion of the engine and gears
- Stable lubricating film, even with hot oil and under high loads
- Extremely stable to shear stress - 'Stay-in-grade'
- Excellent clutch performance; meets the stringent JASO MA2 requirements

- Good cold viscosity ensures fast lubrication and low 'cold wear'

- High level of oxidation protection by means of selected HC synthetic oils and special additives
- Miscible and compatible with conventional and synthetic motorcycle engine oils. However, in order to exploit the full product benefits of HIGHTEC FORMULA SAE 10W-40 TS-Z, a complete oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.863
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	96,0
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	14,3
Viscosity index	ASTM D-7042	-	154
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	244
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-29
Total base number	DIN 51639-1	mgKOH/g	7,6

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).

