

HIGHTEC FORMULA SAE 20W-50 Z

Mineral-based, high-performance engine oil of SAE grade 20W-50. Developed specifically for use in 4-stroke motorcycles with wet-running oil bath clutches.

Description

HIGHTEC FORMULA SAE 20W-50 Z is a high-performance engine oil of SAE grade 20W-50 produced using selected base oils. The adjusted viscosity and advanced additives guarantee the high level of performance.

Application

HIGHTEC FORMULA SAE 20W-50 Z is suitable for all 4-stroke motorcycles with a shared oil circulation system for the engine, clutch and gears. Its adjusted viscosity and high thermal stability make it particularly suitable for air-cooled motorcycle engines. In so doing, it meets the stringent friction coefficient JASO MA2 requirements for best clutch performance.

Equivalent quality in accordance with EU-law as per

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

Advantages

- 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
- 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 20W-50 Z, a complete oil change is recommended.



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.895
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	19,5
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	168,0
Viscosity index	ASTM D2270	-	135
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	254
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-22
Total base number	DIN 51639-1	mgKOH/g	7,6

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

