

Hi-Perf 4T Special




TOTAL

Premium performance lubricant formulated using highly selected refined mineral base oils.

APPLICATIONS

- **Motorcycle Application**
 - **Recommendation**
 - **Suggestion for use**
- HI-PERF 4T SPECIAL 20W-40 is specifically designed for use in 4-stroke engines.
 - This non friction modified, shear-stable, multigrade lubricant protects and lubricates all standard engines. Suitable for all daily urban traffic and rural conditions.
 - HI-PERF 4T SPECIAL 20W-40 is totally compatible with catalytic converters. The oil change intervals recommended by the manufacturers and the minimum viscosity requirements must be complied with. This lubricant is compatible with unleaded fuels.

PERFORMANCES

- **Refined mineral based**
 - **Viscosity 20W-40**
Superior friction properties
 - **JASO MA2**
The JASO MA2 logo, a circular emblem with 'MULTI ENGINE' at the top, 'ANTI-CLUTCH-SLIPPAGE' in the center, and 'PROTECTION' at the bottom.
 - **API SJ**
- HI-PERF 4T SPECIAL 20W-40 is a 4-stroke lubricant formulated using highly selected refined mineral base oils to maintain engine cleanliness. Its lubrication properties are adapted to cater to various loads during our routine usages.
 - HI-PERF 4T SPECIAL 20W-40 is designed for use over a varied temperature range thus giving a good control over a wide temperature variation and provides good engine lubrication.
 - This lubricant meets the JASO MA2 specification (*Japanese Automobile Standards Association*) for wet clutch 4-stroke Motorcycles. The high friction factor prevents clutch slippage and disk wear (Anti-clutch slippage).
 - HI-PERF 4T SPECIAL 20W-40 meets the API SJ level (*American Petroleum Institute*), this level is required by international motorcycle manufacturers.

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CUSTOMER BENEFITS

- Piston ring sealing**
 - HI-PERF 4T SPECIAL 20W-40 guarantees piston ring sealing and reduces deposits: low volatility, lower oil consumption, prevents loss of compression, maintain engine power.
- Oil film homogeneity**
 - HI-PERF 4T SPECIAL 20W-40 limits the appearance of foam on the surface of engine parts, eliminates "aeration" of the lubricant and consequently avoids early part wear.
- Low maintenance costs**
 - The selected anti-wear additives in HI-PERF 4T SPECIAL 20W-40 combat deterioration of moving parts. Its quality formulation prevents premature lubricant ageing and implies a safety margin beyond oil change intervals. Guarantees long engine life and lower maintenance costs.
- Multi-purpose engine protection**
 - The HTHS viscosity (high temperature, high shear) of HI-PERF 4T SPECIAL 20W-40 gives users ideal performance in extreme pressure conditions. The chosen viscosity guarantees engine protection thanks to its anti-wear properties and oil film thickness even in the most severe speed and load conditions.

CHARACTERISTICS

TOTAL Hi – Perf 4T Special	Method	Units	SAE 20W40
Density at 15°C	ASTM D1298	kg/m ³	0.885
Flash point (ASTM D 92)	ASTM D445	°C	235
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	116
Kinematic viscosity at 100°C	ASTM D2270	mm ² /s	14
Viscosity index	ASTM D97	-	120
Sulfated ash content	ASTM D92	%m	0.9
Pour point	ASTM D2896	°C	-21

The typical characteristics mentioned represent mean values.