



made for winners

MOTO 4 PRO TECH



A 100% ELF synthetic technology lubricant for the latest powerful engines.

APPLICATIONS

- **Motorcycle Applications**

MOTO 4 PRO TECH is particularly recommended for all mechanically demanding 4-stroke motorcycle engines.

- **Usage**

MOTO 4 PRO TECH is suitable for all urban traffic usage, country drives and high speed motorway journeys.

- **Recommendation**

The MOTO 4 PRO TECH formula protects catalytic converters thanks to the use of specific additives. The oil-change intervals recommended by the manufacturers and the minimum required viscosities must be complied with. This lubricant is compatible with leadfree fuels.

PERFORMANCE

- **100% ELF synthetic technology**

MOTO 4 PRO TECH was designed with synthetic technology base oils, which keep the engine clean. Lubrication is adapted under different loads to maintain engine power (High-endurance performance) and provide a safety margin for the engine and its environment.

- **Viscosity 5W-40**

MOTO 4 PRO TECH is a multigrade oil. Its viscosity can handle temperature variations in the metal of between -25°C (cold starting) and +330°C (at piston top rings). Ensures rapid oil circulation for functioning of the more sensitive components.

- **JASO MA 1**



The innovative formula meets the JASO M1 (Japanese Automobile Standards Association) specification for wet clutch 4 stroke motorcycle engines. Adaptation of the friction coefficient to the mechanical requirements prevents clutch disc slip and wear.

- **API SL**

MOTO 4 PRO TECH meets the requirements of the API SL (*American Petroleum Institute*) standard, as required by international motorcycle manufacturers.

TOTAL LUBRIFIANTS
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This lubricant, when used according to our recommendations and for the purpose for which it is intended, presents no particular hazard. A safety data sheet complying with current EC legislation can be obtained from your local trade consultant.



CUSTOMER ADVANTAGES

- **Good thermal stability**
- **Resistance to oxidation**
- **High lubrication capacity**
- **Maintains power**
- **Anti-wear and extreme pressure capacity**
- **Gear shift comfort**
- **Reduced oil consumption**
- **Clutch anti-slip property**

MOTO 4 PRO TECH has successfully undergone a very harsh oxidation test. This high quality lubricant has good thermal stability, it remains fluid and efficient through all variations in temperature.

The additives and base oils used in the MOTO 4 PRO TECH formula act against the formation of deposits, and maintain hydrodynamic lubrication at high engine speeds. MOTO 4 PRO TECH provides an immediate response to engine demands: harsh acceleration, flat-out power.

HTHS viscosity (High Temperature High Shear) of MOTO 4 PRO TECH provides users with ideal performance under extreme pressure conditions. The viscosity chosen ensures engine protection thanks to its anti-wear property (oil film thickness). The molecular structure of the lubricant withstands extreme transmission pressures.

Special additives set up a protective coating which improves gear shift comfort, reduces transmission mechanical noise and protects metal components in contact.

The base oils form an even film of oil between the clutch discs in order to prevent clutch disc slip and wear.

CHARACTERISTICS

PHYSICAL-CHEMICAL PROPERTIES MOTO 4 PRO TECH

Density at 15°C (ASTM D4052)	0.853
Open cup flashpoint (ASTM D 92)	228 °C
Kinematic viscosity at 100°C (ASTM D 445)	14 mm ² /s
Kinematic viscosity at 40°C (ASTM D 445)	85 mm ² /s
Pour point (ASTMD 97)	- 39 °C

The values of the characteristics given in this table are typical values given for information only