



# MOTO 4 DX RATIO



High quality lubricant formulated using selected mineral base oils.

## USE

- **Motorcycle application**
- **Recommendation**
- **Suggestions for use**

MOTO 4 DX RATIO is ideal for 4-stroke engines.

This lubricant protects and lubricates all standard engines. Suitable for all daily urban traffic use and rural conditions.

MOTO 4 DX RATIO 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

- **Selected mineral bases**
- **20W-50 viscosity**  
Superior friction properties
- **JASO MA 2**



- **API SG**

MOTO 4 DX RATIO is a 4-stroke oil formulated using selected mineral bases to keep the engine clean. Its lubrication properties are adapted to the different loads.

This lubricant is designed for use over a varied temperature range. MOTO 4 DX RATIO's viscosity controls the wide temperature variations and provides good engine lubrication.

The formula meets the new JASO MA 2 specification (*Japanese Automobile Standards Association*) for wet clutch 4-stroke Motorcycle engines. Its high friction index gives guaranteed anti-clutch slippage protection.

MOTO 4 DX RATIO meets the API SG level (*American Petroleum Institute*), level required by international motorcycle manufacturers.

## CUSTOMER ADVANTAGES

- **Piston ring sealing** MOTO 4 DX RATIO guarantees piston ring sealing and reduces deposits: low volatility, lower oil consumption, prevents loss of compression, maintains engine power.
- **Oil film homogeneity** MOTO 4 DX RATIO 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 MOTO 4 DX RATIO 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 MOTO 4 DX RATIO 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.

## PROPERTIES

### **PHYSICAL-CHEMICAL PROPERTIES MOTO 4 DX RATIO**

Density at 15°C (ASTM 1298)	0.883	
OC flash point (ASTM D 93)	>220	°C
Kinematic viscosity at 40°C (ASTM D 445)	152.81	mm <sup>2</sup> /s
Kinematic viscosity at 100°C (ASTM D 445)	17.12	mm <sup>2</sup> /s
Viscosity index (ASTM D 2270)	121	
Sulfated ash content (ASTM D 874)	0.84	%
Pour point (ASTM D97)	-21	°C

**AFAQ ISO 9001 CERTIFICATION number 1993/900c**

The specifications in this table are averages given for information only.