

MOTO 4 HP ECO 15W50



Next generation semi-synthetic lubricant.

USE	
 Motorcycle Application Recommendation Suggestion for use 	 MOTO 4 HP ECO is recommended for all 4-stroke Motorcycles. This multipurpose lubricant meets the severe requirements of urban traffic and long-distance runs. MOTO 4 HP ECO is totally compatible with catalytic converters. The oil change intervals recommended by the manufacturers and the minimum viscosity
PERFORMANCES	requirements must be complied with. This lubricant is compatible with unleaded fuels.
Synthetic-fortified	MOTO 4 HP ECO is a lubricant highly fortified with synthetic base oils, it provides hydrodynamic lubrication and superior engine cleanliness.
Viscosity 15W-50 Superior-friction-properties	MOTO 4 HP ECO has a specific reactivity to temperature variations. Its maximum fluidity at low temperatures improves injection and gives a fast oil pressure rise. This lubricant meets the JASO MA specification (<i>Japanese Automobile Standards Association</i>) for wet clutch 4-stroke Motorcycles. The high friction factor prevents clutch slippage and disk wear (Anti-clutch slippage).
JASO MA API SG	MOTO 4 HP ECO meets the API SG level (<i>American Petroleum Institute</i>), this level is required by international motorcycle manufacturers.

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This lubricant used according to our recommendations and for its designed application does not represent any particular risk. A safety data sheet in conformity with the legislation now current in the EC is available from our local sales advisor.



CUSTOMER ADVANTAGES

- Controlled viscosity according to temperature
 MOTO 4 HP ECO's additives thicken the oil at high temperature and give low temperature fluidity. The correct oil film is therefore obtained by controlling the viscosity according to the temperature by its Viscosity Index Improvers. MOTO 4 HP ECO's 15W-50 viscosity incorporates superior lubrication performance giving easy cold starting, a fast oil pressure rise and low friction between moving engine components.
 MOTO 4 HP ECO reduces piston ring groove fouling for optimum sealing during
- Piston ring sealing
- Power gain

MOTO 4 HP ECO reduces piston ring groove fouling for optimum sealing during combustion and to maintain the full power of your engine.

- Anti-oxidant
 MOTO 4 HP ECO has anti-oxidant additives which neutralize and slow down the oxidation process. This prolongs the lubricant's lifetime and keeps the oil fluid and efficient, it remains homogenous and its acidity changes little.
- Anti-clutch slippage
- Disk protection

Due to their molecular structure, the base oils form a homogenous film between the clutch disks. The friction factor is adapted to the mechanical requirements preventing clutch slippage and premature disk wear.

PROPERTIES

PHYSICAL-CHEMICAL PROPERTIES MOTO 4 HP ECO 15W50		
Density at 15°C (ASTM 1298)	0.877	
OC flash point (ASTM D 92)		°C
Kinematic viscosity at 40°C (ASTM D 445)		mm²/s
Kinematic viscosity at 100°C (ASTM D 445)		mm²/s
Viscosity index (ASTM D 2270)	144	
Sulfated ash content (ASTM D 878)	0.91	by weight
Pour point (ASTM D97)	-12	°Č
AFAQ ISO 9001 CERTIFICATION number 1993/900c		

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

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