



Description

RIDER 4T is a high-quality mineral lubricant developed for engines that require excellent stability at high temperatures and a robust lubricating film. It maintains protection even in higher-mileage engines, compensating for internal clearances and reducing wear.

Its specific formulation enhances internal engine cleanliness and prevents the formation of deposits, thereby extending engine life and ensuring smooth and reliable operation.

Properties

- Reinforced lubricating film: Ideal for older engines or those with wider mechanical tolerances.
- Excellent thermal stability: Withstands high temperatures without losing viscosity.
- Effective wear protection: High-quality additives that protect internal components even under severe conditions.
- Full wet clutch compatibility: Meets JASO MA/MA2 standards to prevent clutch slippage.
- Deposit and sludge control: Keeps the engine clean despite intensive or prolonged use.
- Superior cost-benefit ratio: The best available technology in an accessible mineral formulation.

Applications

- Older-generation 4-stroke motorcycles.
- High-mileage engines.
- Urban and highway riding conditions with moderate to high temperatures.
- Users seeking protection, durability, and cost efficiency.

Quality levels, approvals and recommendations

• API SL

• JASO T 903:2023 MA2*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE		
SAE Grade			20W-50	15W-50	10W-40
Density at 15 °C	g/cm3	ASTM D4052	0,891	0,880	0,873
Kinematic viscosity at 40 °C	cSt	ASTM D445	172	135	95
Kinematic viscosity at 100 °C	cSt	ASTM D445	19,3	18,5	14,4
Viscosity index	-	ASTM D2270	126	151	155
Flash point, open cup	°C	ASTM D92	250	236	234
Pour point	°C	ASTM D97	-30	-33	-36
Shearing Inj.Bosch: Vis 100 °C (30 cy)	cSt	CEC L-14-93	≥15	≥15	≥12
Sulphated ashes	% in weight	ASTM D874	0,8	0,8	0,8
TBN	mg KOH/g	ASTM D2896	7	7	7

The above mentioned characteristics are typical values and should not be considered product specifications.