



## SMARTER SPORT 4T

## Description

It is the perfect semi-synthetic lubricant oil for 4-stroke engines. It provides high thermal stability and its viscosity level facilitates ignition at different ambient temperatures. Smarter Sport is perfect for bikes that are parked out of doors at night or which are driven in areas with varying weather conditions. And, of course, it guarantees optimum lubrication of the different engine parts and less wear of its components.

## Properties

- Its viscosimetric characteristics, combined with its low volatility, enable maximum consumption to be achieved.
- Good detergent-dispersant power, which ensures total cleanliness of engine parts.
- Provides good friction on clutch discs, preventing slippage and premature wear in joint engine and transmission (wet clutch) lubrication systems

## Quality levels, approvals and recommendations

- API: SL
- JASO T 903:2016 MA2\*

\* Formal approval

## Technical specifications

	UNIT	METHOD	VALUE			
SAE Grade			10W-30	10W-40	15W-50	20W-50
Density at 15 °C	g/mL	ASTM D4052	0.866	0.867	0.874	0.880
Viscosity at 100 °C	cSt	ASTM D445	10.5	14.5	18.5	18.2
Viscosity at 40 °C	cSt	ASTM D445	64	97	138	145
Viscosity at -25 °C / -20°C / -15°C	cP	ASTM D5293	< 7000	< 7000	< 7000	< 9500
Viscosity index	-	ASTM D2270	145	156	152	137
Flash point, open cup	°C	ASTM D92	236	232	244	254
Pour point	°C	ASTM D97	-42	-36	-33	-33
TBN	mg KOH/g	ASTM D2896	7.3	7.8	7.8	7.8
Sulphated ashes	% in weight	ASTM D874	0.8	0.8	0.8	0.8
Bosch Injector Shearing:Viscosity at 100 °C	cSt	CEC L-14-93	>9.3	>12	>15	>15

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