



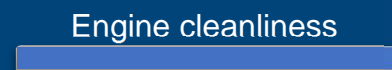
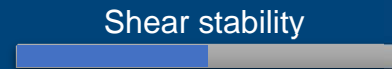
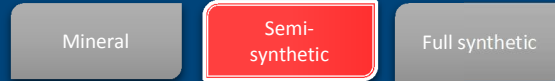
# TITANIUM

SEMI-SYNTHETIC OIL FOR 4-STROKE MOTORCYCLES



**MOTORCYCLE RANGE**  
4-STROKE ENGINE  
SEMI-SYNTHETIC  
SAE 10W-30/10W-40

**INTERNATIONAL STANDARDS**  
API SL  
JASO MA2



## APPLICATIONS

**TITANIUM** is a high-performance semi-synthetic oil specially formulated to fulfil the requirements of 4-stroke motorcycle engines, regardless of the season.

**TITANIUM** is a multi-purpose lubricant that fulfils the challenging demands of urban traffic as well as long-distance outings.

**TITANIUM** provides additional protection for the gearbox/clutch assembly while complying with the JASO MA2 standard. This requirement ensures optimal levels of friction for wet clutches, thereby preventing clutch slip.

Also compatible with all engines for which the manufacturer recommends or authorises the use of an SAE 10W-30 or SAE 10W-40 API SJ or SL oil.

## BENEFITS

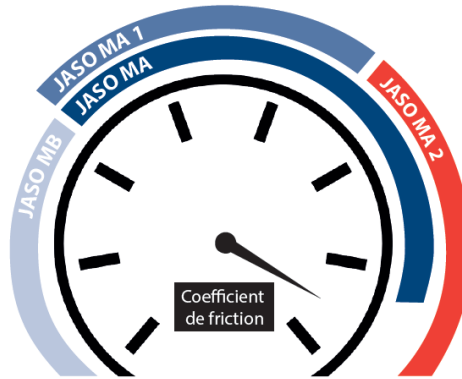
- **Exceptional resistance of the oil** at high temperature and high engine speeds. The specific additives create a protective layer that thickens the oil at high temperature, thereby protecting the engine and gearbox parts, and consequently protects against wear and improves oil consumption control.
- **Increased protection** of the engine against wear thanks to the innovative and high-performance package of additives.
- **Reduces the consumption of fuel** and reduces polluting emissions.
- **High oxidation resistance:** the lubricant contains anti-oxidant additives that neutralise and slow down the oxidation reaction, which means that the intervals between oil changes can be significantly lengthened.

Unil Opal Titanium



## TECHNICAL DATA SHEET

- **Excellent detergent and dispersant properties** that prevent deposits from forming, thereby ensuring that the engine stays clean. Performance levels preserved.
- **Suitable friction properties** that comply with the JASO MA2 requirements, thereby preventing clutch slip and the premature wear of the disks. Guaranteed transmission of power.



### PERFORMANCE

**PERFORMANCE LEVELS**

API SL  
JASO MA2

### CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA	
			10W-30	10W-40
SAE grade	-	-	10W-30	10W-40
Colour	-	visual	Amber-coloured	
Density at 15°C	kg/m <sup>3</sup>	NF T 60101	876	870
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60100	74.7	104.2
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60100	11.4	15.7
Viscosity index	-	NF T 60136	145	161
CCS viscosity at -25°C	mPa.s	ASTM D 2602	6119	5975
Noack volatility	%	ASTM D 2896	13	12.6
Pour point	°C	NF T 60105	-36	-36
Flash point	°C	NF T 60118	226	216
TBN	mg KOH/g	ASTM D 2896	7.1	7.1

*The average specifications provided are approximate values*

### HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with applicable rules for the waste disposal of used oil.

**Keep away from bad weather conditions.**

Our technical department is at your disposal to give you the advice you require.