



# TITANIUM

SEMI-SYNTHETIC OIL FOR 4-STROKE MOTORCYCLES



## MOTORCYCLE RANGE

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

Mineral

Semi-synthetic

Full synthetic

Oxidation resistance



Shear stability



Engine cleanliness



## INTERNATIONAL STANDARDS

API SL  
JASO T 903 : 2023 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 T903 : 2023 MA2 standard. The oil ensures optimal friction levels while protecting the latest generation engines.

**TITANIUM** is on the Jalos's products approved list.

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.
- **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.** Compliance with drain intervals recommended by the manufacturer.
- **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.
- Extends the life of catalysts



## PERFORMANCES

## APPROVAL (1)

JASO MA2-2016 (grade 10W-40)  
(M033UNO003)

(1) Approval certificate available on request

## PERFORMANCE LEVELS

API SL  
JASO T903 : 2023 MA2, MA

## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA	
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.