



PRODUCT INFORMATION & DATA SHEET

PRINCE® MAXX ULTRA-S 4T 15W-50

The Unique P+ SYNTHESE Fortified Synthetic 4T Motor Oil.

A series of very high-performance synthetic four-stroke motor oil produced for versatile road rider. The products have been developed with forefront P+ SYNTHESE technology to ensure optimal level of riding comfort with improved clutch engagement for safer gear change and rapid acceleration. MAXX ULTRA-S 4T delivers heightened performance and outstanding engine wear protection without compromising on fuel efficiency and reduce emissions.

The marvel engineering of P+ SYNTHESE emphasized on improving the performance of premium synthetic and conventional oil molecules and fortified with shear stable additive compound, ensures excellent thermal and viscosity stability behaviour that had tested for better lubrication reliability compared to common synthetic and semi-synthetic four-stroke motor oils, especially surpass given oil change interval.

The technology offers very good cold-start and warm up performance of the lubricant, allows the motor oil to flow consistently to lubricate all essential engine components and clutches at low to high temperature, under long journey and heavy load operations.

This motor oil meets the performance standards of following international specifications:

API SN, JASO MA2

(Being a JASO MA2 standard motor oil, it offers the most effective in clutch slip prevention)

Some of the benefits of using this motor oil:

- A synthetic motor oil that compliances to JASO MA2 performance requirement, designed to protect all systems especially on wet clutches.
- Additive and inhibitor package designed to protect against sludge, varnish, corrosion, rust and foam formation.
- Cleaning agents and dispersant properties ensure engine cleanliness, effectively minimize deposits build up in engine and exhaust parts.
- Developed with enhanced oil film strength with thermal resistance properties, prevent thermal breakdown for better engine durability.
- Excellent friction co-efficient characteristic has been designed to allow very smooth clutches and safer gear shifting engagement.
- Reliable cold-start performance, delivers maximum engine and clutches protection in large temperature bandwidth.
- Outstanding oxidation stability guarantees minimum additive depletion and oil deterioration to maintain lubricant performance.
- Tested safe on modern four-stroke engines fitted with catalytic converters.
- Versatile four-stroke lubricant that is well-suited for use with both integrated and non-integrated gearboxes, wet and dry clutches.

Areas of application

Suitable to use in wide range of new and older generation four-stroke engines in the market that are compliance up to EURO 5 standard with wet or dry clutches, integrated or non-integrated gearbox that are powered by gasoline fuels. Ideal for application in common or high-performance street bikes, road bikes, hill climb bikes, all-terrain vehicles equipped with exhaust after treatment devices such as catalytic converters and air injection into exhaust pipes system.

Not suitable to use in scooters, mopeds that manufacturer called for a lubricant with JASO MB standard and requirements. Not suitable to use in off-road trial bikes, Motocross, enduro bikes.

Typical properties

<u>SAE Viscosity</u>		<u>15W-50</u>
Viscosity Index (VI)	ASTM D2270	154
Viscosity at 100 °C; mm ² /s	ASTM D445	18.7
Viscosity at 40 °C; mm ² /s	ASTM D445	136.9
Density at 15 °C; kg/m ³	ASTM D4052	870.0
CCS Viscosity at -30 °C, mPa*s	ASTM D5293	6100
Flash Point; °C, open cup	ASTM D92	239
Pour Point; °C	ASTM D97	-30
Total Base Number	ASTM D2896	8.0

Service recommendations

Follow the service interval and operating instructions of manufacturers. Observe the owner's manual. Recommend to flush before add in new oil.

Commercially available product compatibility

Our synthetic motor oil is compatible with other fully synthetic, synthetic, semi-synthetic and/or conventional motor oils. Peak performance is guaranteed only upon using alone without mixing with other motor oils. Our motor oil products are designed and developed with appropriate additive package. Hence, aftermarket oil additive products are not recommended for used alongside.

Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.