



## PRODUCT INFORMATION & DATA SHEET

# PRINCE® MAXX VRX-5 4T SAE 20W-40

The Daily Essential Premium Mineral 4T Motor Oil.

A premium four-stroke motor oil formulated with using highly refined mineral base oils and fortified with appropriate additive package to improve oil drain interval and lower maintenance cost. The excellent additives allow wear, corrosion and rust protection on crucial engine components, as well as maintain cleanliness by effectively eliminate harmful deposits and sludge build-up.

This motor oil features extreme-pressure (EP) additives to enhance gearbox protection and prolong transmission system life, even under high-temperature and full load operations. Very good measure-to-made friction characteristics offer perfect clutch lock-up at start-up and during acceleration.

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

API SL, 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:

- Additive and inhibitor package designed to protect against black sludge, varnish, corrosion, rust and foam formation.
- Being a JASO MA2 fluid it ensures easier gear shifting operation and perfect clutch lock-up at start-up, acceleration and full load.
- Cleaning agents and dispersant properties ensure engine cleanliness, effectively minimize deposits build up in engine and exhaust parts.
- Good aging and oxidation stability allows minimum oil degradation and deterioration to maintain lubricant performance.
- Reliable lubricating performance reduces wear formation, minimize noise and vibration even at large temperature fluctuation.
- Tested safe on 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

Applicable in street bikes, road bikes, off-road bikes, mopeds, scooters, all-terrain vehicles (ATV) required the viscosity grade of this motor oil that compliance to JASO MA2 requirements.

Suitable to use in all type of four-stroke engines with wet or dry clutches, integrated or non-integrated gearbox that are powered by gasoline fuels, equipped with and without catalytic converters.

Not suitable to use in any four-stroke engines (specifically in scooters) that manufacturer called for a lubricant with JASO MB standard.

## Typical properties

<b>SAE Viscosity</b>		<b>20W-40</b>
Viscosity Index (VI)	ASTM D2270	129
Viscosity at 100 °C; mm <sup>2</sup> /s	ASTM D445	14.9
Viscosity at 40 °C; mm <sup>2</sup> /s	ASTM D445	118.2
Density at 15 °C; kg/m <sup>3</sup>	ASTM D4052	879.0
CCS Viscosity at -25 °C, mPa*s	ASTM D5293	5000
Flash Point; °C, open cup	ASTM D92	226
Pour Point; °C	ASTM D97	-28
Total Base Number	ASTM D2896	8.3

## 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 mineral motor oil is compatible with synthetic, semi-synthetic and other mineral motor oils. Peak performance is guaranteed only upon using alone without mixing with other motor oils.

## 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.