



## TECHNICAL DATA SHEET

### COMET VECTOR 4T MX7

ULTIMATE PERFORMANCE FULLY SYNTHETIC MOTORCYCLE ENGINE OIL

SAE 10W-40 & 10W-50 / JASO MA-2 / API SN

#### DESCRIPTION

**COMET VECTOR 4T MX7** is today's most up-to-date engine oil formulation technology providing the highest degree of protection, engines cleanliness, extended drain interval, and fuel economy.

#### FEATURES & BENEFITS

- **Reduced Engine Wear** – special **fully synthetic base fluid** matched with robust anti-wear additives and excellent viscosity film strength offer highest wear protection even at high temperatures.
- **Boost Fuel Economy** – fully synthetic low viscosity for smoother running coupled with newest technology anti-friction additives for added smoothness deliver exceptional fuel savings giving you the gas mileage you've always wanted.
- **Reduced Oil Consumption & Emissions** – its fully synthetic base fluid offers extremely low volatility rate, does not burn easily. Thus, less burned oil and less unwanted gas emissions.
- **Extended Drain Interval** – for normal service up to 20,000km or one year whichever comes first.

#### APPLICATION

- **COMET VECTOR 4T MX7** is designed for use in all types of **GASOLINE-FUELED** including the latest 2012 models with performance rating even **UP TO JASO MA-2 & API SN**.
- **COMET VECTOR 4T MX7** is highly recommended for City Driving Motorcycles to provide full engine protection and fuel savings.
- **COMET VECTOR 4T MX7** is highly recommended for Racing Motorcycles to provide full engine protection especially when running at high speed and high revs.

#### APPROVALS

- JASO MA-2 (Japanese Automotive Standards Organization)
- API SN (American Petroleum Institute)

#### TYPICAL PROPERTIES

SAE GRADE	UNIT	TEST METHOD	COMET VECTOR 4T MX7	
			SAE 10W-40 (CITY DRIVING)	SAE 10W-50 (RACING PERFORMANCE)
Color		ASTM D 1500		
Density @ 15°C	Kg/L	ASTM D 4052	0.8550	0.8560
Viscosity @ 40°C	cSt	ASTM D 445	99.71	125.41
Viscosity @ 100°C	cSt	ASTM D 445	15.16	18.29
Viscosity Index		ASTM D 2270	160	163
Total Base Number	mgKOH/g	ASTM D 2896	8.40	8.40
CCS @ -25°C	cP	ASTM D 5293	3,960	4170
Flash Point COC	°C	ASTM D 92	≥ 200	≥ 200
Pour Point	°C	ASTM D 97	-36	-36
Four-Ball Wear Test @ 40 kgf, 75°C, 1200 rpm, 1 hr, scar diameter	mm	ASTM D 4172	0.35	0.35
High Temperature / High Shear Viscosity @ 150°C, 1.0 X 10 <sup>6</sup> s. <sup>-1</sup> )	cP	ASTM D 5481	3.2	3.2
NOACK Volatility, % weight loss	g/100g	ASTM D 5800	7.0	7.0

#### HEALTH, SAFETY, AND ENVIRONMENT

Used oil contains potentially harmful contaminants. Avoid prolonged or repeated contact with all mineral oils, including fresh oils. Used oil must be disposed of in a manner that is acceptable to the local authority and which complies with environmental regulations. Oracle Petroleum Corporation or its subsidiaries will not accept liability if the product is used other than in the manner or the precautions or for the purpose/s specified. Before the product is to be used other than as directed, advice should be obtained from the local OPC office.

#### STORAGE

All packages should be stored under cover. Where outside storage of drums that would trap rainwater is unavoidable, they should be horizontal to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.