



**TOP 1 OIL PRODUCTS COMPANY**

**PRODUCT DATA SHEET**

Revised: Sep 2017

**XM**

**DESCRIPTION**

**XM** is a 4T conventional performance oil designed to meet the latest motorcycle manufacturers warranty requirements. Specifically formulated to meet the demands of the small displacement high RPM fuel efficient engines found in today's domestic and foreign motorcycles. These engines experience higher operating temperatures and require a motor oil which offers maximum protection against both viscosity and thermal breakdown.

The oil is a blend of premium conventional base oils and special additives which protects against high temperature oxidation, wear, and viscosity breakdown. It is fortified with detergent-dispersants and rust and corrosion inhibitors to keep engines exceptionally clean and free of sludge, varnish and rust.

It meets the performance of API SJ, JASO MA2 specification

**FEATURES AND ADVANTAGES**

- SAE 20W50 meets and exceeds OEMs warranty requirements.
- Highly oxidation stable - protects engine from oil thickening, high temperature sludge and varnish deposits.
- Effective detergent-dispersants keeps engine parts clean.
- High TBN/alkaline reserve effectively neutralizes corrosive acids formed by combustion to protect critical turbo bearings and other vital engine surfaces.
- Anti-wear agents effectively protect cam lobes and other highly loaded parts from wear.
- XM 20W50 Oil exceeds API Service Classification of API SJ, JASO MA2 requirements.
- Recommended for all types of Motor Cycles.

**TYPICAL SPECS**

<b>GRADE, SAE</b>	<b>ASTM TEST</b>	<b>20W50</b>
API Gravity	D-287	32.50
Flash Point, °F	D-92	>420
Pour Point, °C	D-97	-20
Viscosity:		
cST @ 100°C	D-445	20.5
CCS @ -25°C	D-5293	5000
Viscosity Index	D-2270	155
Appearance	Visual	Bright & Clear
Color	D-1500	3.0
Calcium, wt%		
Magnesium, wt%		
Phosphorus, wt%		
Zinc, wt%		
Sulfated Ash, wt%	D-874	0.99
TBN	D-2896	7.3
<b>Product Number:</b>		
12x1 Liter		19811
1x53 Gal		19817
1x330 Gal		19819

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

100 N. El Camino Real, San Mateo, CA 94401, Tel: 650.347.3691 Fax: 650.340.8739 [www.top1oil.com](http://www.top1oil.com)