



**ZetaLube**

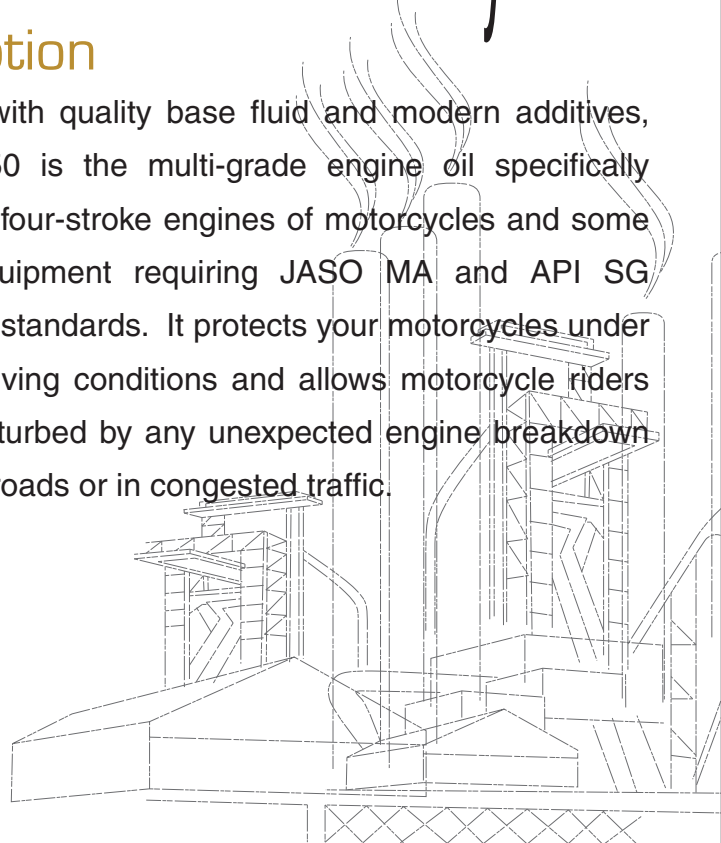
A New Lubricity Dimension  
Evolved From Experience



# ZetaLube 850 Four Stroke Motorcycle Oil

## Description

Formulated with quality base fluid and modern additives, ZetaLube 850 is the multi-grade engine oil specifically designed for four-stroke engines of motorcycles and some industrial equipment requiring JASO MA and API SG performance standards. It protects your motorcycles under almost all driving conditions and allows motorcycle riders not to be disturbed by any unexpected engine breakdown on the open roads or in congested traffic.



**MAGNA INDUSTRIAL CO. LIMITED**  
*Total Quality Maintenance*

[www.magnagroup.com](http://www.magnagroup.com)

Magna Industrial reserves the right to modify or change this product for purpose of improving its performance characteristics ©2007 Magna Industrial Co. Limited .

The ZetaLube trade mark is the property of ITW, Inc. and is used under licence by Magna Industrial Co. Limited



## Features and Benefits

- Exceptional protection for the moving components of modern four stroke engines against frictional wear and heat stress running at high RPM and temperatures.
- Multi-viscosity grades for providing all-year round lubrication to engines exposed to both low and high ambient temperatures.
- Excellent oxidation & shear stability to prevent oil breakdown particularly in the engine gearbox.
- Enables smooth operation of all parts/components of modern four stroke engines by providing outstanding lubricity and ensuring cleanliness of engines.
- Available in a range of viscosity grade to meet various performance requirements or standards.
- Prolongs engine life, increases fuel efficiency and reduces maintenance costs.
- Superior clutch friction performance.



## Recommended Applications

- For use in all modern four stroke motorcycles requiring engine oils with JASO MA / API SG or earlier specifications.
- Always check the owner's manual for manufacturers' maintenance requirements and recommendations such as engine oil specifications, recommended oil-change interval/mileage, etc.

## Typical Data

TEST	AST TEST METHOD	SAE 10W30	SAE 10W40	SAE 20W50
Density, kg/L @ 15°C	D-1298	0.876	0.874	0.887
Viscosity, cSt @ 40°C @ 100°C	D-445	77	109	168
	D-445	11	14.5	19
Viscosity Index	D-2270	130	133	127
Flash Point, COC, °C(°F)	D-92	225(437)	228(442)	232(449.6)
Pour Point °C(°F)	D-97	-22(-7.6)	-22(-7.6)	-23(-9.6)
Total Base Number	D-2896	7.6	7.6	7.6

The data shown are typical value and may vary.

## Pack-size

4 Litre & 1 Litre Plastic Container

### Authorized Distributor

**Alshawi Trading,**  
Block 351, Road 51, Bldg 20, Manama - Bahrain.  
[www.alshawitrading.com](http://www.alshawitrading.com)  
[info@alshawitrading.com](mailto:info@alshawitrading.com)  
P. O. Box : 33526

Tel: (973) 1755 0019  
Fax: (973) 1755 5108

**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910. 1200, Standard must be consulted for specific requirements.

ZETALUBE DIVISION  
MAGNA INDUSTRIAL CO. LIMITED  
18/F., GUARDIAN HOUSE,  
32 OI KWAN ROAD, WANCHAI,  
HONG KONG

TEL: (852) 2577 5187

FAX: (852) 2577 3190

<b>IDENTITY (As Used on Label and List)</b> <b>ZETALUBE 850</b>	<b>LAST ASSESSED:</b> 29 May 2007
--	-----------------------------------

**SECTION I - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<i>Hazardous Components (Specific Chemical Identity: Common Name(s))</i>	<i>CAS NO.</i>	<i>ACGIH TLV</i>	<i>Other Limits Recommended</i>
Highly refined mineral oil**	64742-65-0	5.0mg/m <sup>3</sup> *	-

**SECTION II - PHYSICAL CHARACTERISTICS**

<i>Boiling Point</i>	N.A.	<i>Specific Gravity (H<sub>2</sub>O = 1)</i>	~0.90
<i>Vapor Pressure (N.A.)</i>	N.A.	<i>Melting Point</i>	N.A.
<i>Vapor Density (AIR = 1)</i>	N.A.	<i>Evaporation Rate (Ether = 1)</i>	N.A.

*Solubility in Water* < 0.1 g/l

*Appearance and Odor* Amber liquid with negligible odour

**SECTION III - FIRE AND EXPLOSION HAZARD DATA**

<i>Flash Point (Method Used)</i>	<i>Flammable Limits</i>	<i>LEL</i>	<i>UEL</i>
>150°C	N.A.	-	-

***Extinguishing Media***

Dry chemical, water fog, carbon dioxide, foam, and sand.

***Special Fire Fighting Procedures***

Fire fighters should wear an approved self-contained breathing apparatus.

***Unusual Fire and Explosion Hazards***

None expected. Autoignition temperature is in excess of 450°C.

**SECTION IV - REACTIVITY DATA**

<i>Stability</i>	<i>Conditions to Avoid</i>
Stable	None

***Incompatibility (Materials to Avoid)***

Strong oxidizing agents

***Hazardous Decomposition or Products***

Oxides of carbon

<i>Hazardous Polymerization</i>	<i>Condition to Avoid</i>
Will Not Occur	None

**SECTION V - HEALTH HAZARD DATA*****Threshold Limit Value***

See section I hazardous ingredients

---

**Effects of Overexposure**

There is no lethal dose information available.

Inhalation: Inhalation of vapours can cause irritation of the respiratory tract. High concentrations of oils, mists or vapours can cause chemical pneumonitis.

Skin: May cause irritation, drying and cracking.

Eyes: Cause irritation.

Ingestion: May cause irritation in mouth and stomach, thirst, nausea, vomiting, diarrhoea, with possible collapse if large amounts ingested.

Aspiration of material upon vomiting may cause chemical pneumonitis.

---

**Emergency & First Aid Procedures**

Eyes: Flush with large amounts of water for at least 15 min. Call a physician immediately.

Skin contact: Wash thoroughly with soap and water.

Inhalation: N.A.

If swallowed: Call a physician immediately.

---

**SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE****Steps to Be Taken In Case Material Is Released or Spilt**

Transfer bulk of material into another container. Absorb remaining residue with proper absorbents such as sand, earth, and vermiculite. Sweep up and dispose of as solid waste comply with all local and national regulations.

---

**Waste Disposal Method**

By methods consistent with local and national regulations.

---

**Precautions to Be Taken in Handling and Storing**

Keep containers closed. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wash clothing before re-use. Keep away from feed and food products.

---

**Other Precautions**

Keep out of the reach of children.

---

**SECTION VII - CONTROL MEASURES****Respiratory Protection (Specify Type)**

None required

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Special</b>
	N.A.	N.A.
	<b>Mechanical (General)</b>	<b>Other</b>
	N.A.	N.A.

---

**Protective Gloves**

Rubber or plastic oil resistant gloves.

**Eye Protection**

Safety goggles and full-face shield when handled hot.

---

**Other Protective Clothing or Equipment**

None required

---

**Work/Hygienic Practices**

N.A.

---

---

**Remarks**

\* The ACGIH TLV for mineral oil mists is 5mg/m<sup>3</sup> for a daily 8-hour exposure.  
\*\* Contains less than 3% DMSO extract as measured by IP346.

Transportation: Not classified.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility or any loss, damage, or expense, direct or consequential, arising out of their use.

---