



**ZetaLube**

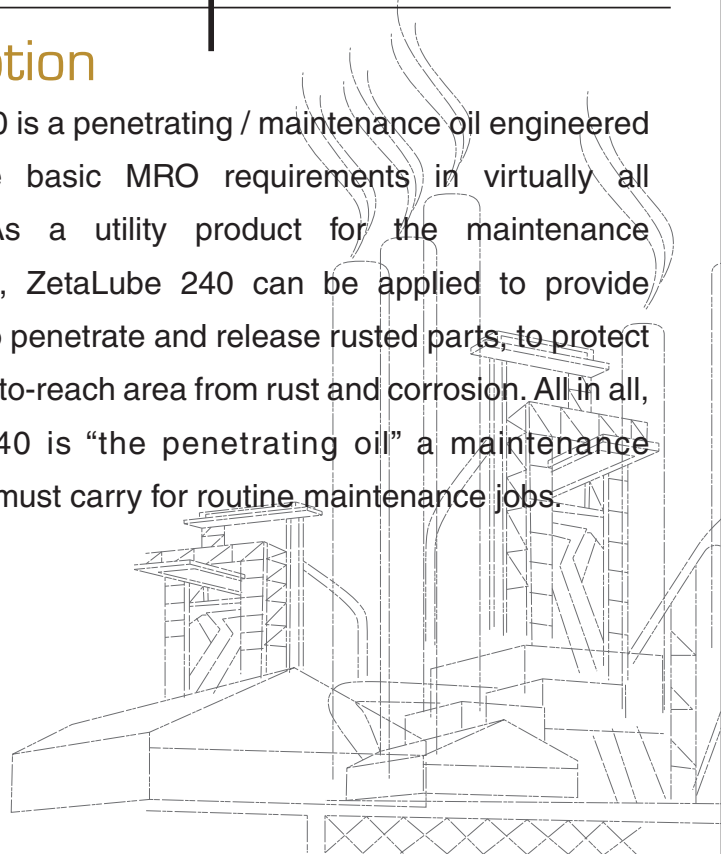
A New Lubricity Dimension  
Evolved From Experience



# ZetaLube 240 All-Purpose MRO Oil

## Description

ZetaLube 240 is a penetrating / maintenance oil engineered to meet the basic MRO requirements in virtually all industries. As a utility product for the maintenance professionals, ZetaLube 240 can be applied to provide lubrication, to penetrate and release rusted parts, to protect parts in hard-to-reach area from rust and corrosion. All in all, ZetaLube 240 is “the penetrating oil” a maintenance professional must carry for routine maintenance jobs.



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

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

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## Features and Benefits

- Excellent penetration property – can penetrate any hard-to-reach parts to dissolve rust particles.
- Special additives to provide lubrication and corrosion protection to the metal parts.
- High flash point(>60°C) for safer storage and transportation.

## Recommended Applications

- For basic maintenance jobs on almost all machinery/equipment ranging from small machine tools in workshops to threaded metal parts of machinery/equipment in a plant.
- For machinery/equipment requiring regular dismantle for maintenance.

## Typical Data

| TEST                                 | TEST RESULT |
|--------------------------------------|-------------|
| Density, kg/L @ 20°C                 | 0.81        |
| Flash Point (Closed Cup), °C         | >60         |
| Drying Time (95% Solvent Evaporated) | 45 minutes  |
| Coverage Area (m <sup>2</sup> / L)   | 60          |

The data shown are typical value and may vary.

## Pack-size

205 Litre Metal Drum & 20 Litre Plastic Container

### Authorized Distributor

**Alshawi Trading,**  
Block 351, Road 51, Bldg 20, Manama - Bahrain.  
[www.alshawitrading.com](http://www.alshawitrading.com)  
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**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.

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|  |                                   |
|--|-----------------------------------|
| <b>IDENTITY (As Used on Label and List)</b><br><b>ZETALUBE 240</b> | <b>LAST ASSESSED:</b> 29 May 2007 |
|--|-----------------------------------|

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

| <i>Hazardous Components<br/>(Specific Chemical Identity: Common Name(s))</i> | <i>CAS NO.</i> | <i>ACGIH<br/>TLV</i> | <i>Other Limits<br/>Recommended</i> |
|--|----------------|----------------------|-------------------------------------|
| Petroleum solvent  | 64742-47-8     | 100 ppm              | -                                   |

**SECTION II - PHYSICAL CHARACTERISTICS**

|                                     |      |  |      |
|-------------------------------------|------|--|------|
| <i>Boiling Point</i>                | N.A. | <i>Specific Gravity (H<sub>2</sub>O = 1)</i> | ~0.9 |
| <i>Vapor Pressure (@25°C, mmHg)</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* Negligible

*Appearance and Odor* Clear brown liquid with mineral odor

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

| <i>Flash Point (Method Used)</i> | <i>Flammable Limits</i> | <i>LEL</i> | <i>UEL</i> |
|----------------------------------|-------------------------|------------|------------|
| >60°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.

**SECTION IV - REACTIVITY DATA**

| <i>Stability</i> | <i>Conditions to Avoid</i> |
|------------------|----------------------------|
| Stable           | N.A.                       |

***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

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**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.

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**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.

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**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.

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**Waste Disposal Method**

By methods consistent with local and national regulations.

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**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.

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**Other Precautions**

Keep out of the reach of children.

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

None required

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| <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.           |

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**Protective Gloves**

Rubber or plastic oil resistant gloves.

**Eye Protection**

Safety goggles and full-face shield when handled hot.

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**Other Protective Clothing or Equipment**

None required

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**Work/Hygienic Practices**

N.A.

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**Remarks**

Transportation: Not classified.

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