



## FENSO™

### Quench Oils

#### Product Description

The Fenso™ product line was developed to provide excellent long life performance in quenching operations. These products are dual-purpose oils designed for both conventional quenching and marquenching. The oils have exceptional oxidation stability helping extend oil life and reduce residue on parts and are readily removed from quenched parts with a mild alkali wash.

#### Features and Benefits

FENSO quench oils offer the following features and potential benefits:

- Good oxidation stability
- Resistance to thermal and oxidation breakdown helping to extend oil life and helps reduce carbonaceous deposits
- Non-corrosive to steel
- Residues easily removed from quenched parts with only a mild alkali wash

#### Applications

The FENSO products are dual-purpose oils designed for both conventional quenching and marquenching. The oils can be used in open quenching systems where operating temperatures are as high as 93°C and in closed systems in which temperatures are as high as 150 C.

Fenso 51 is a medium-viscosity oil that can be used in conventional and marquenching operations.

Fenso M 72 is a high-viscosity, high flash point oil that can be used in marquenching operations. It leaves clean pieces and can be easily removed with mild alkali wash as well.

#### Typical Properties

<b>FENSO</b>	<b>51</b>	<b>M 72</b>
Kinematic Viscosity, ASTM D 445, CSt @ 40°C	48.4	126
Flash Point, °C, ASTM D 92	200	212

#### Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com). ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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