



Somentor A Series

Mobil Industrial , Czech Republic

Fully Compounded Cold Rolling Oils

Product Description

Somentor AH 45, AH 70 and AL 70 are premium quality, fully compounded oils suitable for cold rolling of ferrous and non-ferrous metals. These oils are formulated with high quality base stocks and specially selected roll oil additives to meet the demanding performance requirements of these applications.

Features and Benefits

Somentor A Series oils are formulated to efficiently provide quality production of cold rolled parts made from steel or non-ferrous metals. Features and benefits include:

- Delivery of a bright surface finish on rolled metal
- Clean evaporation in the annealing process to prevent residues/deposits
- Easy filtration to extend the life of the oil
- Suitable for a wide range of metals
- Low viscosity of Somentor AH45 improves cooling efficiency and can be blended to cost effectively adjust the viscosity of AH 70 and AL 70 cold rolling oils.

Applications

Somentor A Series provide reliable and efficient lubrication and cooling during a wide variety of cold rolling applications.

- Suitable for a wide range of ferrous and non-ferrous metals, Somentor A series products can be used to cold roll high carbon, austenitic and ferritic stainless steel, as well as copper and copper alloys.
- Somentor A series is suitable for use on all mill configurations including 4 hi mills through to 20 hi multi-roll mills.
- Somentor A series products are suitable for the lubrication of back up bearings in multi-hi mills.
- Can be used in applications where filter systems employ active and/or inactive earth filter media.
- Somentor A series grades are suitable for use in rolling mill hydraulic systems to reduce contamination effects, depending on pump suitability for low viscosity oils.

Properties and Specifications

Property	AH 45	AH 70	AL 70
Appearance, AMS 1738	Clear and Bright	Clear and Bright	Clear and Bright
Density @ 15 C, g/cm3, ASTM D4052	822	852	850
Flash Point, Cleveland Open Cup, °C, ASTM D92	140	152	160
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	4.2	7.3	7.2
Pour Point, °C, ASTM D97	-6	-6	-6
Total Acid Number, mgKOH/g, ASTM D664	<0.05	<0.1	<0.1

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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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

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