



# Somentor fluids, proven solution for aluminum rolling oil application

ExxonMobil's Somentor™ hydrocarbon fluids meet the safety and performance standards required by the aluminum industry and have been widely used for three decades.

## Key attributes



Improved annealing properties, thereby reducing the potential of production rejects



Suitable for rolling of alloys used for food packaging



Very low aromatic content



Low odor

Somentor fluids are manufactured under Good Manufacturing Practices and meet the FDA 21 chapter 178.3910 (a) and (b) regulations<sup>1</sup>.

To formulate and optimize rolling oils that meet the needs of individual mill operations, Somentor fluids are generally blended with additives, including the Mobil™ line of Wylol™ roll oil additives.

Somentor grades are available for direct purchase from your ExxonMobil sales representative or via our network of regional distributors with local storage capabilities.

<sup>1</sup> This brochure is not the official source for regulatory claims. For regulatory compliance statements, please contact Customer Service. For other information, please contact your sales representative.

## Select the product that is best suited to your requirements from our range of available Somentor™ rolling oils.

### Somentor 31

- Low viscosity, well suited for aluminum foil rolling or as a separation fluid for foil doubling
- Narrow typical distillation range, resulting in more consistent viscosity through the process

### Somentor 32 S

- Particularly suited as a base fluid for aluminum foil rolling where ultrahigh purity is required
- Extremely narrow boiling range that reduces evaporation and maintains consistent viscosity for steady operating conditions at the roll bite

### Somentor 34, Somentor 35 and Somentor 43

- Higher viscosity
- Unique distillation ranges suited for the needs of aluminum sheet rolling mills
- High flash points for severe operating conditions inherent in aluminum sheet rolling, lowering fire risk during strip breakage
- High molecular weight and heat capacity that may boost cleaning / heat transfer efficiency



Key sales specifications	Method	Somentor 31	Somentor 32	Somentor 34	Somentor 35	Somentor 43	Unit
Aromatics content (max)	AMS 140.31	0.5	0.3	0.5	0.5	2	wt%
Flash point (min)	ASTM D93	75	88	101	105	129	°C
Distillation range	ASTM D86						°C
Initial boiling point (min)		200	217	230	237	275	°C
Dry point (max)		250	245		277	318	°C
Final boiling point (max)				270			°C

Note: The number of significant figures shown in the table above may differ versus the requirements stated in the test method.

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