



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) regulations¹.

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 Wyröl™ 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.

¹ 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 29

- 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

- 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

- 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



Key sales specifications	Method	Somentor 29	Somentor 32	Somentor 34	Unit
Aromatics content (max)	AMS 140.31	0.2	0.1	0.5	wt%
Flash point (min)	ASTM D93	74	88	101	°C
Distillation range	ASTM D86				°C
Initial boiling point (min)		192	217	230	°C
Dry point (max)		245			°C
Final boiling point (max)			236	270	°C
Viscosity 40°C	ASTM D445	1.50-1.75	1.83-1.96	2.20-2.50	mm ² /s

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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