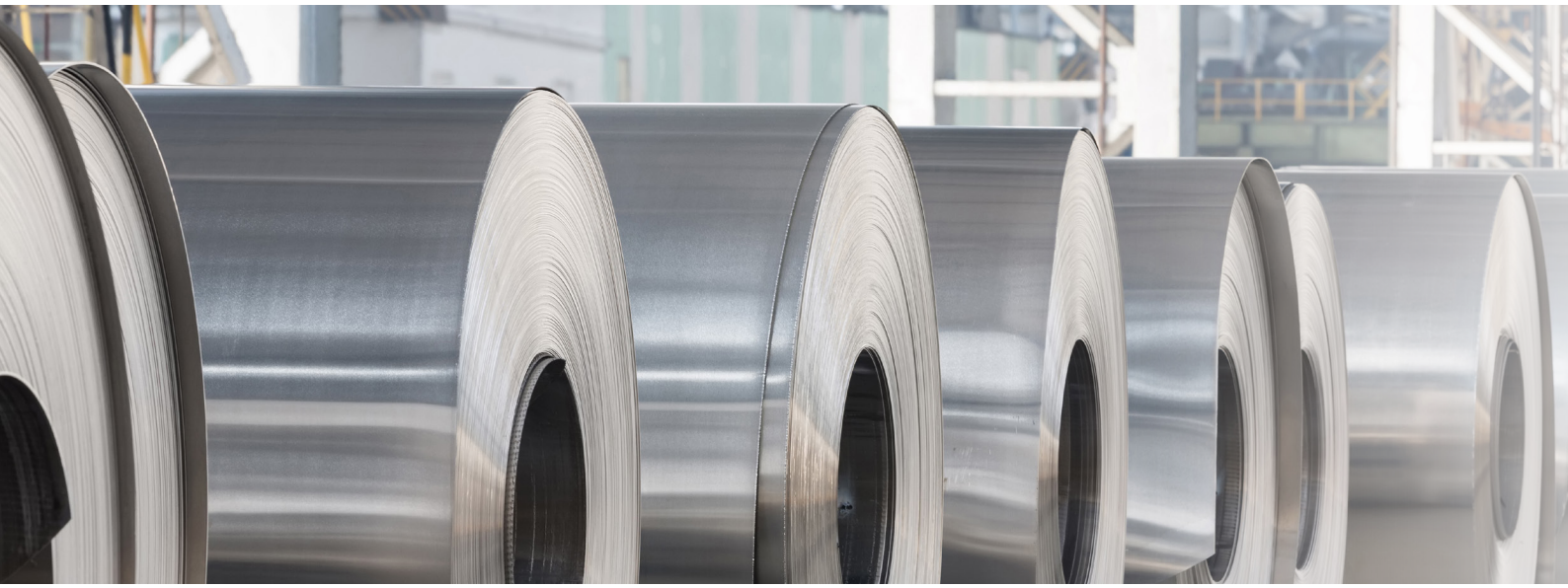
ExxonMobil



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[1].

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 Wyrol™ 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 34 and Somentor 35

- 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 29	Somentor 34	Somentor 35	Unit
Aromatics content (max)	AMS 140.31	0.2	0.5	0.5	wt%
Flash point (min)	ASTM D93	77	101	105	°C
Distillation range	ASTM D86				°C
Initial boiling point (min)		200	230	237	°C
Dry point (max)		248			°C
Final boiling point (max)			270	277	°C

Key typical values	Method	Somentor 29	Somentor 34	Somentor 35	Unit
Distillation range	ASTM D86				°C
Initial boiling point (min)		207	236	249	°C
Dry point (max)		240		269	°C
Final boiling point (max)			265		°C
Viscosity at 25°C	ASTM D445 calculated	2.28	2.50	3.69	cSt
Viscosity at 40°C	ASTM D445	1.71	2.20	2.64	cSt

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

Contact us for more information:
exxonmobilchemical.com/metalworking

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