



Your ally in aluminium

FILL WITH **Mobil**TM



By your side



To consistently produce high quality metal plates and sheets requires precise, durable machinery that can withstand wear and tear.



We understand the demanding nature of aluminium production and the range of challenges that come with keeping your equipment running efficiently.



Together we can build a lubrication solution that you can rely on to help enhance your equipment longevity and keep your operation running smoothly.



We provide your business with the foundation it needs to thrive in aluminium.

Why Mobil?

More than lubricants

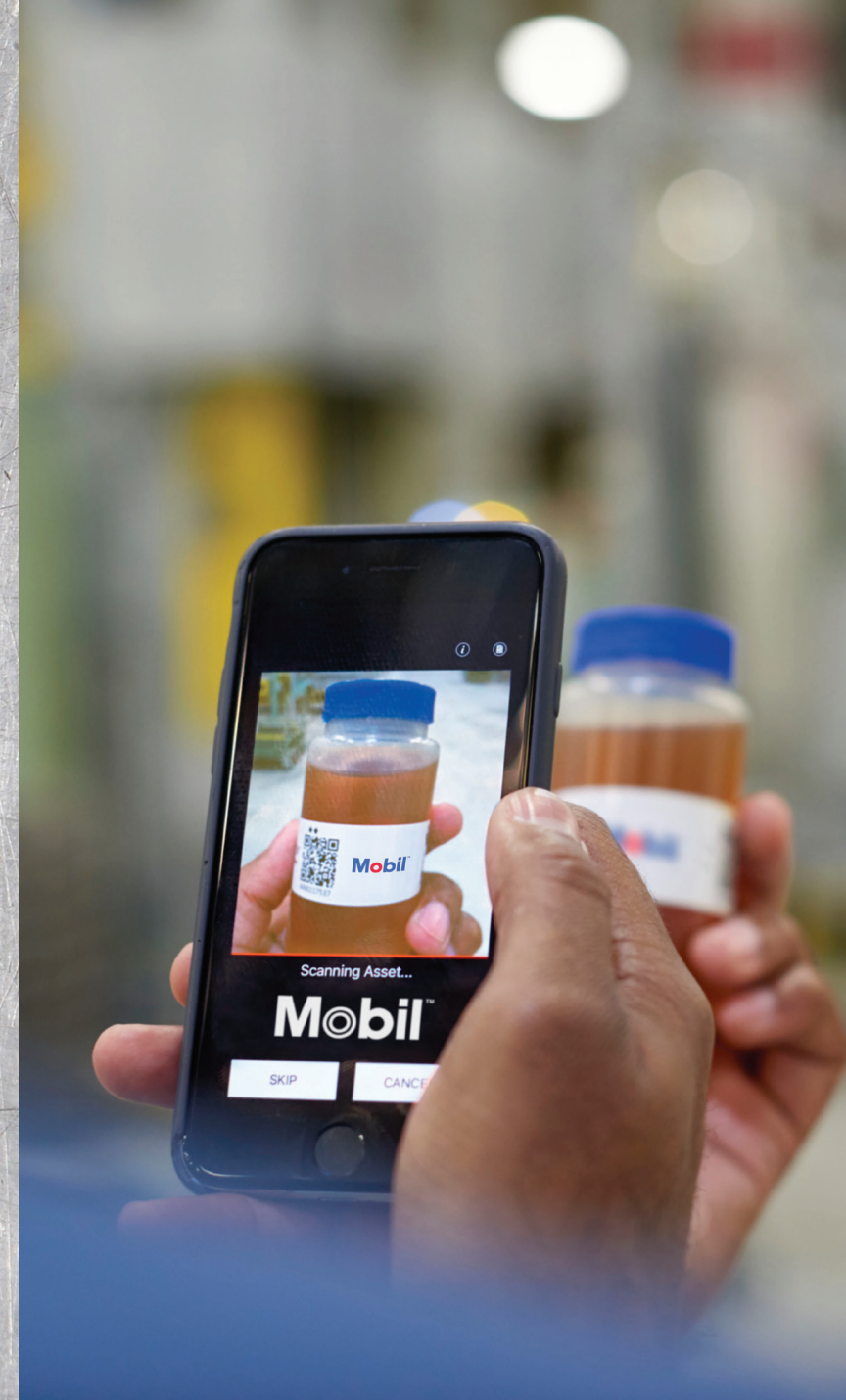
We're more than just a lubricant supplier—we're your partners. Whether you need help choosing the right products for your needs or require ongoing technical support, we're here to make sure you succeed.

Recommended by leading OEMs

Leading OEMs trust Mobil because we provide a reliable service they can count on. Our products are designed to meet the toughest industry standards, ensuring your equipment runs smoothly.

Advanced technical solutions

Mobil Lubricant Analysis monitors the condition of your lubricants and equipment, so problems can be spotted early and fixed. With sensor technology, you can receive critical real-time data on insights such as additive depletion or water contamination and emulsion. Monitoring performance in real-time between service intervals prevents wasteful malfunctions, streamlines logistics and reduces safety risks.





Lubricants for rolling mills

We understand that the role of base oils and emulsions in lubricants is crucial for meeting the high-pressure and high temperature demands of aluminium rolling.

Each component plays a specific role in maintaining the efficiency, longevity, and cleanliness of rolling operations.

With our expertise, we know how to maintain optimal performance by using the right lubrication solutions tailored to these demanding conditions.

Our Wyrol™ products are a comprehensive range of liquid additive concentrates for optimising the frictional characteristics of cold rolling oils such as the Somentor Series. They consist of a combination of different lubricity additives, which together with an oxidation inhibitor, help provide excellent frictional characteristics for a range of cold rolling oils under different conditions

Product	Anti oxidant	Alcohol	Ester	Acid
Wyrol 2	💧			
Wyrol 4	💧			💧
Wyrol 6	💧		💧	
Wyrol 8	💧	💧		
Wyrol 10	💧		💧	
Wyrol 12	💧	💧	💧	

With base oil providing the lubricant's primary properties, such as viscosity and thermal stability, we carefully add selective additives to enhance performance beyond the capabilities of the base oil itself.

Additionally, we create emulsions - a precise mixture of oil and water - designed to effectively balance lubrication and cooling.

We offer a range of high-performance synthetic and mineral oils, along with specially formulated additives designed to deliver numerous benefits*, enhancing efficiency and optimising your total cost of ownership:



Friction reduction



Efficient heat and metal transfer



Enhanced water separation



Outstanding protection against wear



Equipment protection


















Improved system cleanliness

*This information is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

Switch to Mobil lubricants and unlock the potential of your operations

With our comprehensive lubricant solutions and experience, we can help you choose the right products for your specific application and requirements. View our range of lubricants below tailored to the unique conditions of aluminium production.

Product	Viscosity 40°C	Flash point °C	Approvals	Applications	Key Attributes
 Somentor 29	1.50-1.75	74	FDA 21 chapter 178.3910 (a) and (b) regulations ¹	Aluminium foil rolling and doubling	<ul style="list-style-type: none"> Low viscosity Narrow distillation range ensures consistent viscosity throughout the process
 Somentor 32	1.83-1.96	88	FDA 21 chapter 178.3910 (a) and (b) regulations ¹	Aluminium foil rolling requiring ultra-high purity	<ul style="list-style-type: none"> Narrow boiling range minimises evaporation and ensures consistent viscosity at the roll bite
 Somentor 34	2.20-2.50	101	FDA 21 chapter 178.3910 (a) and (b) regulations ¹	Aluminium sheet rolling	<ul style="list-style-type: none"> Higher viscosity High flash points reduce fire risk in severe conditions
 Wyrol HS 22	22	160		Hydraulic systems in aluminium cold rolling mills	<ul style="list-style-type: none"> Low staining characteristics reduce the potential of production rejects Recommended for all annealing temperatures (<300°C) but especially where low temperatures and shorter/intermediate cycles are required. Good anti-wear and rust prevention properties extend component life Excellent oxidation and thermal stability minimises deposits and improves oil life, reducing maintenance costs
 Wyrol HS 46	44	175			
 Wyrol H 15	15	130	FDA Regulation 21 CFR 178.3570	Hydraulic systems in aluminium cold rolling mills	<ul style="list-style-type: none"> Anti-wear, anti-oxidation and rust prevention properties, that reduces deposits, improves oil life and extends component life, reducing maintenance costs. The low staining properties are attributable to the thermal decomposition of the synthetic thickener under annealing conditions. Recommended for annealing temperatures above 300 °C (foil)
 Wyrol H 32	32	130			
 Wyrol B 460	460	130	FDA 21 CFR 178.3570 (ISO VG 460)	Bearing lubrication in aluminium rolling mill applications.	<ul style="list-style-type: none"> Very low staining properties improve the production of acceptable materials Reduced manpower costs for clean-up and lower scrappage rates Good anti-wear and rust prevention characteristics increase bearing life High oxidation stability increases oil service life

Product	Viscosity 40°C	Flash point °C	Approvals	Applications	Key Attributes
  Wyrol BG 220	220	260		Bearing and gear lubrication in aluminium rolling mill applications. Suitable for flood and mist spray bearing systems.	<ul style="list-style-type: none"> Low staining improves material quality Lowers scrappage rates Improved roll coolant life and lower maintenance costs Good anti-wear and load-carrying to increase bearing and gear life High oxidation stability increases oil service life Incompatible with mineral oil and other hydrocarbons and special changeover procedures are necessary
  Wyrol BG 320	320	260			
 Wyrol MS 460	460	>120	FDA Regulation 21 CFR 178.3910(a)	Mist spray systems for bearing lubrication of rolling mills. Low stain bearing and gearbox lubricants.	<ul style="list-style-type: none"> Low stain potential Excellent lubricity High thermal stability
 Wyrol MS 220	220	>120			
 Airclean Oil	31	>200		Recommended as scrubber oil in vapor recovery systems at aluminium rolling plants.	<ul style="list-style-type: none"> Highly stable against oxidation Long service life Stable operation of distillation unit Narrow distillation cut Efficient recovery of roll oils Reduced consumption of roll oil



Rolling mill oil



Hydraulic oils



Gear oils



Bearing oils

Achieve more in aluminium

Our field engineers offer expert advice on lubrication practices and provide hands-on support for troubleshooting equipment issues, ensuring your machinery operates at its optimal performance.

Chat directly with our team of engineers*
who can aid you in selecting the right
lubricant for your equipment.

Discover more at

mobil.eu

or email techdeskeurope@exxonmobil.com



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