



# AZOLLA ALS 68

## DESCRIPTION

Low Staining Hydraulic Oil for Rolling Mills

## APPLICATIONS

Premium synthetic, low staining, low gum-forming, hydraulic fluid that is especially designed to work in aluminum rolling mills.

## BENEFITS

- Reduced risks of aluminum staining. Prevents sticking of aluminum foils after annealing.
- Good anti-wear properties and a high protection against corrosion
- Prevent formation of deposits due to an excellent thermal stability
- Increased oil lifetime, reducing maintenance costs.

## RECOMMENDATION

Recommended for the lubrication of hydraulic systems, where cross-contamination of rolling oils with standard maintenance lubricants could cause staining problems after annealing. It is compatible/miscible with conventional mineral oil.

## TYPICAL CHARACTERISTICS

PROPERTIES	VALUES	UNITS	STANDARDS
Appearance	Limpid	-	Visual
Viscosity at 40 °C	68	mm <sup>2</sup> /s	ISO 3104
Viscosity at 100 °C	6.0	mm <sup>2</sup> /s	ISO 3104
Density at 15°C	869,0	kg/m <sup>3</sup>	ISO 12185
Flash point	188	°C	ISO 22592
Pour point	-30	°C	ISO 3016
Copper corrosion, 3h, 100°C	1a	-	ISO 2160
Rust prevention	Pass	-	ISO 7120

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded at [ms-sds.totalenergies.com](http://ms-sds.totalenergies.com)