



AZOLLA AL 46

DESCRIPTION

Hydraulic oil for aluminum rolling mills

APPLICATIONS

Low staining Hydraulic oils designed for rolling mills, suitable for incidental food contact

BENEFITS

- AZOLLA AL series are formulated with non-staining base oils and specific non-staining additives
- Prevent formation of deposits. Their excellent oxidation resistance improves oil lifetime reducing maintenance costs.
- Using AZOLLA AL reduces the potential of production rejects.
- AZOLLA AL oils have good demulsification properties
- AZOLLA AL oils present good anti-wear properties and a high resistance to corrosion even in the presence of water.
- AZOLLA AL oils are NSF H1 registered. They are recommended for use where incidental contact with food may occur.

RECOMMENDATION

Recommended for the lubrication of hydraulic systems in particularly for aluminum rolling mills, where cross-contamination of rolling oils with standard maintenance lubricants could cause staining problems after annealing.

TYPICAL PHYSICAL PROPERTIES

PROPERTIES	TYP. VALUES	UNITS	STANDARDS
Viscosity at 40 °C	46	mm ² /s	ISO 3104
Viscosity at 100 °C	9.9	mm ² /s	ISO 3104
Viscosity index	212	-	ISO 2909
Density at 15°C	842	kg/m ³	ISO 12185
Flash point	> 140	°C	ISO 22592
Pour point	-18	°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 down loaded at msds.totalenergies.com