



CARTER ALS 460

DESCRIPTION

Low staining lubricant for enclosed gears.

APPLICATIONS

CARTER ALS series has been specially designed for lubricating enclosed gears: level and spur gears, bearing and gear coupling, worm gears.

BENEFITS

- CARTER ALS is formulated with non staining base oils and specific non staining additives
- Using CARTER ALS reduces the potential of production rejects.
- CARTER ALS has been formulated for aluminium but, it can also be used for steel or yellow metal rolling ...
- Very good extreme pressure and anti wear properties. Its resistance to oxidation and degradation leads to longer oil service life
- CARTER ALS has a good resistance to foaming and emulsion formation

RECOMMENDATION

CARTER ALS is designed for use in systems of aluminium rolling mills when a contamination of the rolling fluids with a conventional lubricant could result in staining problems on the finished foils after annealing

TYPICAL CHARACTERISTICS

PROPERTIES	VALUES	UNITS	STANDARDS
Color	0.5	-	ASTM D 1500
Odor	Neutral	-	-
Density at 15°C	870	kg/m ³	ISO 3675
Viscosity at 40 °C	460	mm ² /s	ISO 3104
Viscosity at 100 °C	30	mm ² /s	ISO 3104
Open cup flash point	160	°C	ISO 2592
Pour point	-33	°C	ISO 3016
FZG	> 13	stage	DIN 51354-2

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 ms-sds.totalenergies.com