

Product Description

Genrex H12 NT is a low viscosity light coloured cold rolling oil recommended for the rolling of stainless steels, on multi roll mills including Sendzimir mills. It is a high performance product based on paraffinic base oils, and a patented innovative lubricity additive pack.

Genrex H12 NT is also suitable for rolling other tough metals such as nickel and nickel based alloys.

Benefits

Genrex H12 NT offers the following benefits:

- Possible reduction in pass schedules
- Reduction in rolling oil forces and in the power consumption of the mill
- Increase in productivity of the mill by increasing rolling mill speeds and reduction rates
- Low viscosity to give excellent surface finish and eliminate banding on all alloys
- Easy removal of rolling oil to eliminate staining
- Excellent degreasing potential
- Efficient filtration due to the rapid separation of metallic fines
- Reduced consumption due to the low evaporation rate
- Reduction in product inventories and contamination when used in mill hydraulic systems (see Note)

Application

Genrex H12 NT is specially recommended for the rolling of stainless steels, and difficult to roll alloys on multi roll mills of the Sendzimir mill type. When used in conjunction with Genrex N4 NT and a Mobil analytical programme, rolling performance can be optimised for a particular mill.

Genrex H12 NT can be used in specially converted mill hydraulics.

Genrex H12 NT can be used as a grinding oil and is a highly effective pressing and forming lubricant.

Note

Genrex H 12 NT must not be used in hydraulic systems without prior reference to Mobil Engineers and/or the system manufacturer.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

	Method	Genrex H12 NT
Relative Density at 15°C, Kg/l	ASTM D1298	0.8773
Viscosity, cSt at 40°C	ASTM D445	11.7
Saponification Number, mg. KOH/gm.	ASTM D1962	36
Colour	ASTM D1500	1.0 Max.
Flash Point, °C	ASTM D92	164

Due to continual product research and development, the information contained herein is subject to change without notice.

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