Mobil

WYROL H Series

Mobil Industrial , Belgium

Hydraulic Oils

Product Description

WYROL H Series oils are designed for use in hydraulic systems of rolling mills. They are formulated with non-staining base oil and combined with shear-stable synthetic components to obtain the desired viscosity. Specially selected additives provide good anti-wear protection, oxidation stability and rust prevention characteristics. They exhibit very low staining properties relative to conventional hydraulic fluids. Contamination of the rolling oils with conventional hydraulic fluids could result in staining problems that would show up on the finished metal after annealing. Wyrol H series is used for rolling of foil or sheet stock for food applications. Wyrol H series oils therefore can be used as hydraulic fluids in aluminium rolling mills, which produce products such as foil for use as food packaging materials.

Features and Benefits

The WYROL H oils provide the low staining performance demanded by the mills rolling aluminium or yellow metals. Their low staining tendency and clean annealing performance significantly reduce this problem. In addition, the WYROL H oils provide very good anti-wear protection and oxidation stability resulting in long hydraulic system component life and extended oil service capability.

- Low staining characteristics reduce the potential of production rejects
- Good anti-wear properties reduce hydraulic system component wear and extend service life
- High resistance to oxidation reduces system deposits and improves oil life reducing maintenance costs

Applications

- Recommended for applications in mills rolling aluminium or yellow metals where cross-contamination of conventional hydraulic oils with roll oils could cause staining problems
- The viscosity grades 15 and 32 are suitable for use in both low and high pressure hydraulic systems of rolling mills

Specifications and Approvals

This product meets or exceeds the requirements of:	15	32
FDA 21 CFR 178.3570	X	X

Properties and Specifications

Property	15	32
Grade	ISO VG 15	ISO VG 32
Copper Strip Corrosion, 3 h, 100 C, Rating, ASTM D130	1	1
Density @ 15 C, kg/l, ASTM D4052	840	850
Flash Point, Pensky-Martens Closed Cup, °C, ASTM D93	130	130
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	15	32
Pour Point, °C, ASTM D97	-18	-18
Rust Characteristics, Procedure A, ASTM D665	PASS	PASS

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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