Mobil

WYROL H

Mobil Industrial , Finland

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 conforms to U.S. FDA Regulation 21 CFR 178.3910(a)"Surface Lubricants used in the manufacture of metallic articles" is used for rolling of foil or sheet stock for food applications. They 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

Wyrol H meets or exceeds the requirements of:	15	32
FDA 21 CFR 178.3910(a)	X	X

Typical Properties

Wyrol H	15	32
Density at 15°C, kg/m3, ASTM D 4052	840	850
Kinematic Viscosity at 40°C, mm^2/s, ISO 3104	15	32
Kinematic Viscosity at 100°C, mm^2/s, ISO 3104	4.2	7.3
Pour Point, °C, ISO 3016	-18	-18
Flash Point, PM, °C, ISO 2719	130	130
Copper Corrosion, 3h, 100°C, rating, ISO 2160	1	1
Rust Prevention, distilled water, ISO 7120	Pass	Pass

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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