This modular lubrication system for non-ferrous rolling mills arrives fully assembled and factory tested. The Primetals Technologies system is supplied with standby pumps and motors and a vacuum dehydrator to heat the oil to operating temperature and remove any coolant contamination.

Lubrication system components include:
- Stainless steel lubrication oil tank
- Main online and standby pumps
- Main online and standby motors
- Vacuum dehydrator
- Duplex filter
- Heat exchanger
- Pressure, temperature and level gauges
- Pressure switches
- Heaters

FIELD OF APPLICATION
Non-ferrous long rolling mills

MAIN BENEFITS
- Fully assembled and factory-tested package that fits standard shipping containers
- Modular solution minimizes installation and commissioning time
- Alarms and safety interlocks protect roll housings by preventing mill operation under conditions of insufficient pressure or incorrect temperature range
- Standby pumps and motors supplied for added protection in case of mechanical problems
- Easily removes debris with inline duplex filter system
- Special bypass valve allows filter cartridge replacement without interrupting mill operations
- Lube oil temperature controlled within +/- 1° C with heat exchangers and strategically placed temperature sensors
- Simple to operate with low maintenance costs
- Extends service life of critical components
OTHER RELATED PRODUCTS

- Entry shear and table
- Rolling mill stands
- Hydraulic roll mounting
- Rolling mill lubrication systems
- Coil forming equipment
- Coil handling solutions
- Dual reel coiler and automatic unloader

PRODUCT FEATURES

- Stainless steel oil lubrication tank
- Main online and standby pumps/motors
- Vacuum dehydrator
- Duplex filter
- Heat exchanger
- Pressure, temperature and level gauges
- Pressure switches
- Interlocked with mill controls

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production rates</td>
<td>up to 48 tph</td>
</tr>
<tr>
<td>Lubrication oil typical</td>
<td>VG150 to VG460</td>
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<tr>
<td>Filtration</td>
<td>22 micron</td>
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</tbody>
</table>

SERVICES

- Integration engineering – customized solutions
- Erection advising – planning and supervision of installation to minimize disturbance of operations
- Commissioning – expertise provided for start-up and training on system operation
- Maintenance – system designed for long life
- Spare parts – customized program minimizes inventory and controls cash flow

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