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

- Production rates: up to 48 tph
- Lubrication oil typical: VG150 to VG460
- Filtration: 22 micron

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

Heat exchanger