



## PRODUCTIVITY POINTERS | Steel Manufacturing

Maintaining the productivity of a steel mill requires greases with outstanding performance to overcome extreme conditions. Here's how Mobil-branded Greases can help keep steel mills at peak performance versus conventional greases — and make productivity stick.

► **Industries:**

Steel Manufacture and Processing

► **Key Applications and Products:**

Continuous Casters:

**Mobil Centaur™ XHP 461**

**Mobilgrease XHP™ 461**

Ladle Turret Bearing:

**Mobilith SHC™ 1000 Special**

(Mobilgrease XHP™ 681 Mine)

Hot and Cold Mills:

— Table Roll Bearings:

**Mobil Centaur XHP 461**

**Mobilgrease XHP 461**

— Work Roll Bearings and Wear Liners:

**Mobil Centaur™ XHP 462**

**Mobilgrease XHP™ 462**

— Coilers (Shaft Bearings):

**Mobil Centaur XHP 461**

**Mobilgrease XHP 461**

— Spindle Drive Couplings (CG-3):

**Mobilux™ EP 111**

Combustion Air Fans Shaft Bearings:

**Mobilith SHC™ 100**

Coiler Mandrel (Sliding Contacts):

**Mobilgrease XHP™ 322 Mine**

**Mobil Centaur™ XHP 462 Mine**

(Mobilith SHC 1000 Special)

Reheat Furnace:

**Mobilith SHC™ 460**

**Mobilith SHC™ 1500**

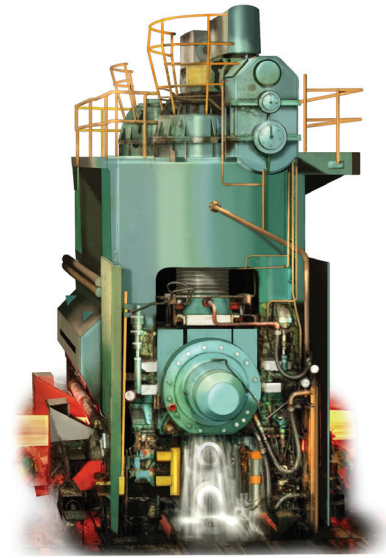
► **Potential Mobil-branded Grease Benefits:**

**Mobilith SHC Greases**

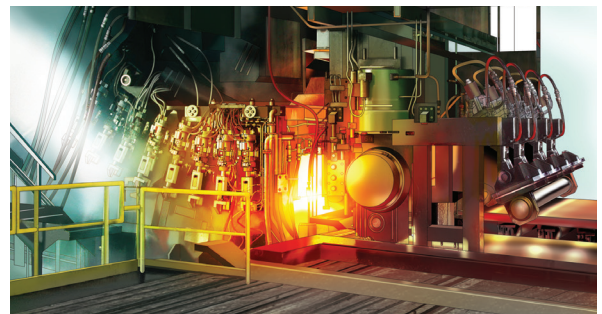
- Wide application temperature range; helps improve component protection at high temperatures
- Helps extend service life and deliver balanced performance, which can reduce maintenance costs and improve mechanical life
- Low volatility and high-temperature stability; helps increase equipment protection
- Structural stability; helps extend re-lubrication intervals, which can reduce maintenance costs

**Mobil Centaur™ XHP 460 Series**

- Helps extend grease life and deliver balanced performance, which can reduce maintenance costs and downtime
- Excellent grease tenacity and helps reduce leakage, reduce component wear, extend re-lubrication intervals, which can reduce maintenance costs
- Provides additional water tolerance where needed, helping reduce maintenance costs and improve productivity
- Can be used in broad multipurpose application, which can reduce inventory costs



Hot Roll Mill

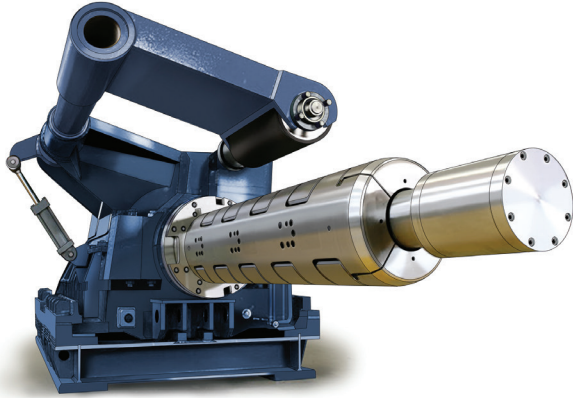


Continuous Caster

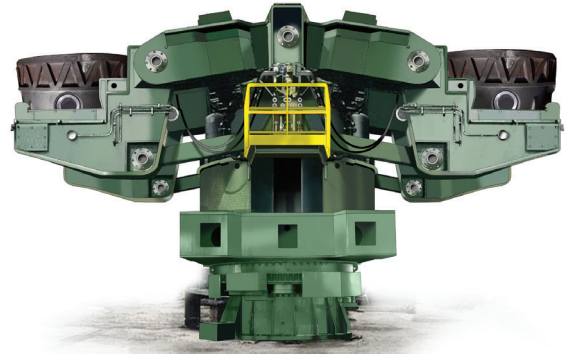
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**PRODUCTIVITY  
POINTERS** | **Steel Manufacturing**



Coiler Mandrel



Ladle Turret

► **Potential Mobil-branded Grease Benefits** *(continued)*:

**Mobilgrease XHP™ 460 Series**

- Helps extend grease life and deliver balanced performance, which can reduce maintenance costs and downtime
- Excellent grease tenacity and helps reduce leakage, reduce component wear, extend re-lubrication intervals, which can reduce maintenance costs
- Water tolerance and resistance, which can reduce maintenance costs and improve productivity
- Broad multipurpose application, which can reduce inventory costs

**Mobilgrease XHP™ 320 Mine Series**

- Equipment protection; helps increase equipment life, which can reduce maintenance costs
- Excellent water tolerance; helps increase re-lubrication intervals and reduce unscheduled maintenance
- Low-temperature performance; helps improve start-up, protect equipment in severe climates, which can reduce maintenance costs
- Wear reductions and high load protection; helps improve component life, which can reduce maintenance costs and unscheduled downtime

**Mobilux™ EP111**

- Balanced performance tailored to coupling application; helps extend coupling protection and life, which can reduce maintenance costs
- Low oil bleed; helps extend equipment life and reduce downtime

► **LOOBLE™: The Industrial Products Selector Tool**

For specific recommendations to meet your needs, visit us at [looble.com](http://looble.com).

► **Proof of Performance:** Customers using Mobil-branded Greases have reduced their annual operating costs considerably, increasing their productivity.

**For examples of how Mobil-branded Greases have helped customers, contact your ExxonMobil representative.**

**[mobilindustrial.com](http://mobilindustrial.com)**

**Note:** Schematic and product recommendations are intended as a general guide only. Products listed are typically the product series names. Please refer to equipment builder manual for final lubrication recommendations or consult your Mobil Industrial Lubricants team for additional products. NOT TO SCALE.

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