Mobil SHC™
Performance by ExxonMobil

Cooling towers

Challenge:

Cooling fan gear drive reliability. Repairs and even routine maintenance are time-consuming and costly due to the difficulty of accessing the fan drives for maintenance. Careful maintenance planning is required to ensure personnel safety.

Solution:

Protect your cooling tower gear drives with Mobil SHC™ synthetic lubricants designed to minimize maintenance by reducing wear, extending oil and component life, enhancing equipment reliability and reducing frictional losses.

Compared to conventional lubricants, Mobil SHC lubricants provide:

Safety
- Reduced maintenance personnel exposure

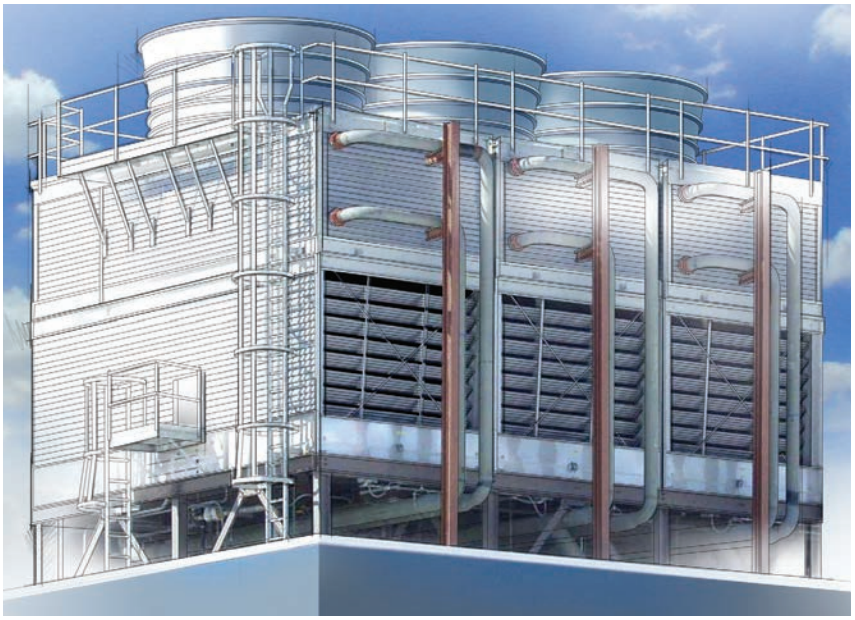
Environmental Care*
- Potential reduction of CO_2 power generator emissions
- Reduced used oil disposal

Productivity
- Fewer breakdowns and repairs
- Reduced maintenance costs
- Reduced energy costs

Industries
- Refineries
- Petrochemical and chemical plants
- Power generating stations
- Natural gas transmission and processing plants
- HVAC systems for large buildings

Key applications
- Right-angle cooling fan gear reducer
  — 10-30 gallons (38-113 liters) per drive
- Couplings

Products
- **Mobil SHC™ 600 Series oils**
  — Shaft bearings and gear speed reducers
- **Mobil SHC™ Gear Series oils**
  — Gear speed reducer



*Visit mobil.com/industrial to learn how certain Mobil-branded lubricants may provide benefits to help minimize environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

Industrial Lubricants
Advancing Productivity™

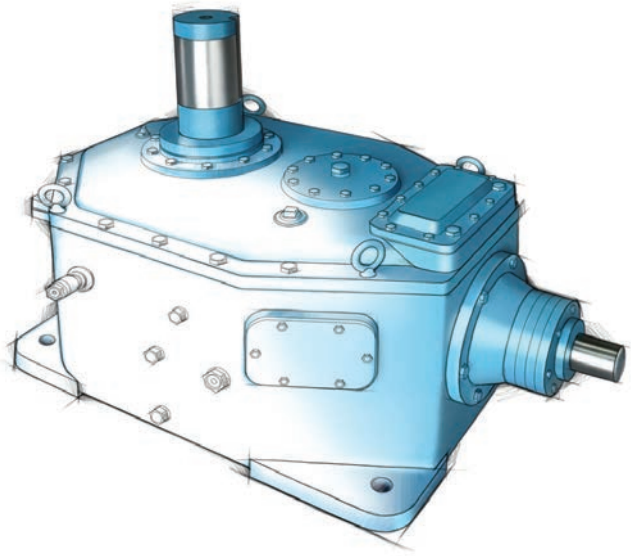
Cooling towers

Key equipment builder approvals

Mobil SHC™ lubricants are approved and recommended by leading cooling tower drive builders, including:

- Amarillo Gear Div. Marmon Group Inc.
- Hub City Cooling Tower Drives
- SPX Cooling Technologies (Marley products)
- Sumitomo Drive Technologies

Visit **mobil.com/industrial** to search by equipment builder name for specific recommendations.



Proof of Performance

Mobil SHC™ 630 helps steam generation plant combat corrosion and sludge on cooling tower gearboxes

Mobil SHC™ Gear 220 synthetic oil helps refinery reduce cooling tower power consumption

Read the entire stories at **mobil.com/shc,** where you can explore other success stories and find out how Mobil SHC synthetic lubricants can energize your business.

energy efficiency

The energy efficiency design is a trademark of Exxon Mobil Corporation. Energy efficiency relates solely to the fluid performance when compared to conventional (mineral) reference oils of the same viscosity grade in circulating and gear applications. The technology used allows up to 3.6 percent efficiency compared to the reference when tested in a worm gearbox under controlled conditions. Efficiency improvements will vary based on operating conditions and application.

Note: Productivity Pointers are provided for the use of ExxonMobil and our authorized distributors.
Schematics and product series recommendations are intended as a general guide. Please visit mobil.com/industrial for specific builder recommendations.