

Screens

Challenge: **Vibrating screen reliability** depends on lubricants with high film strength and oil viscosity to protect the bearings from rapid cyclical loading, while providing good flow at low temperatures.

Solution: **Protect your screens with Mobil SHC™ synthetic lubricants** designed to help maximize wear protection during operation, extend oil drain intervals across all seasons and protect equipment during cold startups.

Compared to conventional lubricants, Mobil SHC lubricants provide:



Safety

- Reduced personnel exposure for routine maintenance or repair



Environmental Care

- Reduced used oil disposal



Productivity

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

Industries

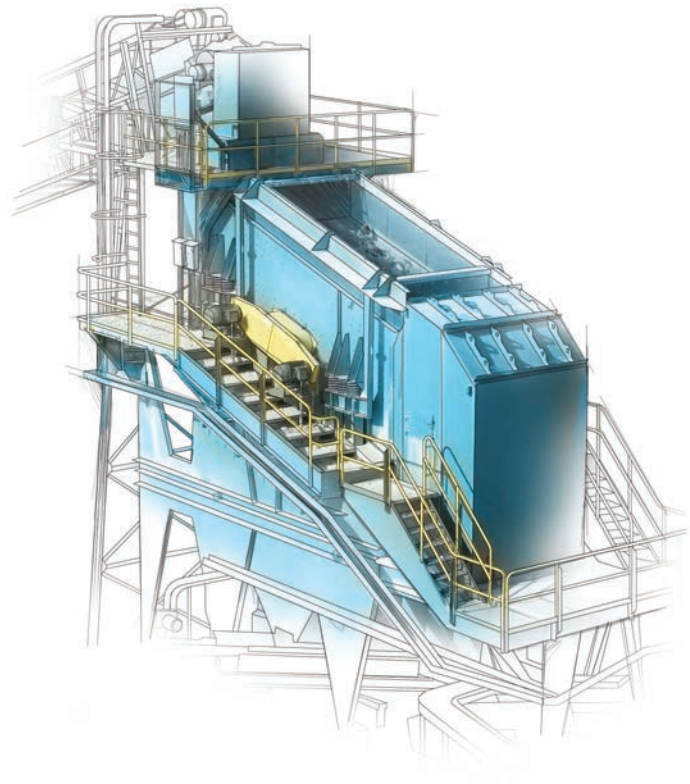
- Mines and quarries
- Cement plants
- Coal-fired power plants
- Refineries, steel mills and paper mills using coal-fired boilers

Key applications

- Screen bearings

Products

- **Mobilith SHC™ 460 synthetic grease**
 - Shaft bearings
- **Mobil SHC™ 600 Series and Mobil SHC™ Gear Series oils**
 - Gear speed reducer



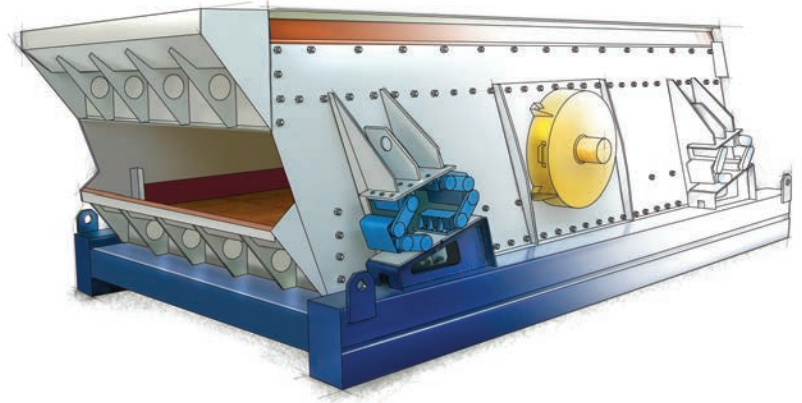
*Visit mobil.com/shc to learn how certain Mobil-branded lubricants may provide benefits to help minimize environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

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Key equipment builder approvals

Mobil SHC™ lubricants are endorsed by leading screen builders, including:

- General Kinematics Corporation
- Lippmann Milwaukee Inc.
- Telsmith Inc.
- Decanter Machine
- Terex Corporation (Simplicity Konecranes)
- Metso Minerals
- Carrier Process Equipment Group



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

Proof of Performance

Mobilith SHC™ 460 helps a Mexican building materials maker extend vibrating screen bearing life, generating over US \$4,500 in annual savings

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



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.

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