



# Mobil SHC

## Mobil SHC Cibus Series Synthetic lubricant performance for food machinery



### **Help ensure food quality and greater productivity at the same time.**

Strive for maximum productivity with the new Mobil SHC Cibus Series of high-performance NSF H1 registered food machinery lubricants. This comprehensive suite of multipurpose, colorless oils is formulated to provide the optimum combination of food quality assurance, advanced lubrication, and lower maintenance costs within your lubrication quality-management systems.

### **A wide range of applications so things run more smoothly.**

Mobil SHC Cibus Series provides excellent wear protection for critical equipment, offering long-term oxidation stability and protection against rust and corrosion. Applications include

food and beverage processing and packaging, animal feed manufacturing, and pharmaceuticals.

Mobil SHC Cibus Series can be used in moderate- and severe-duty operating conditions, and covers the full spectrum of applications for hydraulic, gear, bearing, and circulation systems in viscosities from ISO VG 32 to 68 and 150 to 460.

Mobil SHC Cibus Series can be effectively deployed both above and below the processing line, helping reduce inventory and administration costs.

### **Registered for use in the food processing industry.**

All Mobil SHC Cibus Series products are NSF H1 registered, which is increasingly being requested by major food retailers and government agencies. They are also suitable under Halal and Kosher dietary law and are formulated to be gluten-, nut- and wheat-free. They are blended, filled, and quality tested in equipment that minimizes the risk of cross-contamination. Trained representatives can help you support the transition to Mobil SHC Cibus Series lubricants within your HACCP lubrication plan.

## High-Performance Benefits

### **Lower energy costs**

Unique high-performance basestocks and additives provide outstanding traction properties. Low internal fluid friction helps reduce oil temperature, offering potential energy savings.

### **Longer oil life**

Mobil SHC Cibus Series synthetic lubricants can last up to 2 times longer than mineral oils in proprietary rig testing, allowing for extended drain intervals, depending on the severity of the application.

### **Extended equipment life**

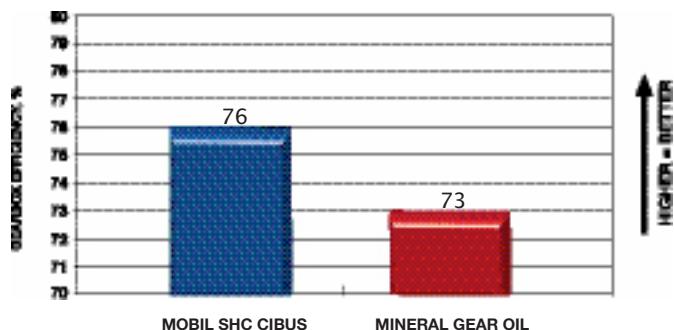
High load-carrying capability and protection against rust and corrosion, combined with balanced foam control and air release, can minimize equipment failures and provide the potential to improve the productivity of your operation.

### **Wide operating temperature range**

Proprietary formulations provide a wide operating temperature range, compared with conventional oils, allowing optimal lubrication at extreme temperatures, from freezer applications to high-temperature ovens.

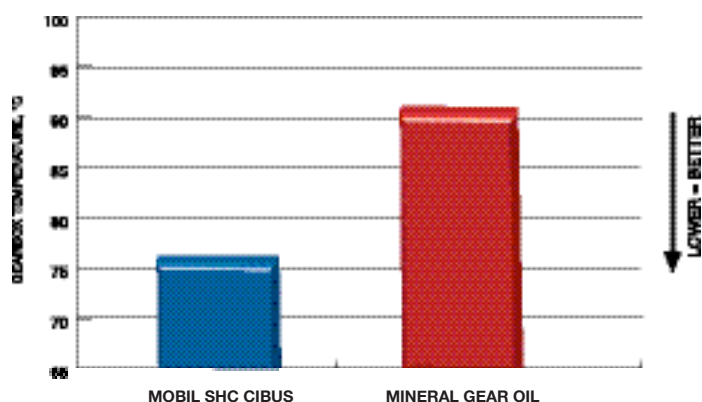
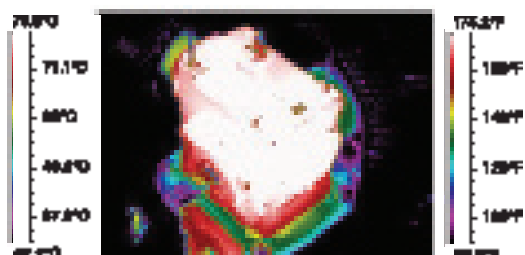
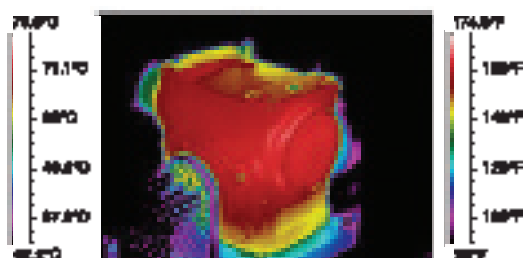
# Mobil SHC Cibus Series – Performance

## Energy Efficiency



Mobil SHC Cibus Series shows up to 3% overall efficiency improvement compared with mineral gear oils in proprietary worm gear bench tests,\* helping reduce energy consumption and maximize productivity.

## Operating Temperature



Mobil SHC Cibus Series demonstrates reduced operating temperatures in controlled worm gear drive bench tests\* compared with mineral gear oils, potentially leading to longer oil life, increased lubrication, and reduced energy costs.

## Oxidation Stability and Oil Life



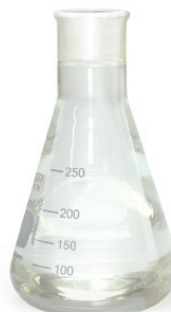
MOBIL SHC CIBUS 46



MARKET GENERAL  
MINERAL HYDRAULIC OIL

Mobil SHC Cibus Series demonstrates long oil life and enhanced system cleanliness versus standard circulating oils in the proprietary Mobil Hydraulic Fluid Durability (MHFD) test rig, when comparing 150 VG 46 oils.

## Oil Color



MOBIL SHC CIBUS



MINERAL GEAR OIL

Mobil SHC Cibus Series lubricants are designed specifically for the food processing industry to be colorless compared with standard gear oils.

## Industry Specifications

Mobil SHC Cibus Series	Application	Specification
32, 46, 68	Hydraulic	DIN 51524 HLP ISO 11158 HM
32, 46, 68	Compressor	DIN 51506 VDL
150, 220, 320, 460	Gear	DIN 51517 CLP

\*Results determined on gearbox at 100% rated load, 1800 rpm, and controlled room temperature, comparing ISO VG 460 oils. Results may vary based on equipment and operating conditions.

For more information on Mobil SHC Cibus Series and other Mobil Industrial Lubricants and services, contact your local company representative or visit [www.mobilindustrial.com](http://www.mobilindustrial.com).