

Give mature equipment the care it requires



Energy lives here

As machinery ages, it can affect how lubricants work. This environment typically includes:

- Older equipment that may be prone to leaks, which leads to small amounts of water and other contaminants in your machinery
- Systems using gear, vane, radial, and axial piston pumps, as well as those containing gears and bearings where mild antiwear characteristics are required

Leaky equipment can lead to contamination

Contamination occurs when hydraulic machinery leaks oil through seals and allows water, dirt, dust, and other chemicals to enter the lubrication environment. Contaminated oil can cause abrasion or scoring of moving components, as well as corrosion and adhesion.

It's hard to choose the best oil for leaky equipment, but choosing the wrong kind of oil can make problems worse. Even in the best conditions, low-quality oil increases consumption rates and reduces equipment life. In leaky machinery, it can quickly cause critical damage to moving parts. It delivers little protection, thanks to substandard additives that can't stand up to increased antiwear needs.

Fortunately, if your maturing equipment is working under moderate hydraulic temperatures and pressure, the right kind of oil can still be cost-effective.

Mobil can help

In an environment with maturing equipment prone to leaks, our advanced-technology lubricants can help keep machinery efficient and productive. We have products that deliver outstanding antiwear properties and that can maintain effective lubrication despite some contaminants.

80%

of lubricant service life limitations are due to contamination.

Our Practical products include:

Nuto™ Series	Hydraulic oils that help reduce the potential for wear and corrosion, particularly where water or moisture is present
Mobilgrease XHP™ 222	High-performance lithium-complex grease with excellent water resistance
Mobilgear™ 600 XP Series	Advanced gear oil that provides extra protection for gears, bearings, and seals
Mobil SHC™ Rarus Series	Supreme-performance air compressor lubricants primarily intended for the lubrication of severe-duty rotary screw and vane air compressors
Mobil Polyrex™ EM Series	Premium greases specially formulated for electric-motor bearings, with advanced thickener formulation for improved bearing performance and protection for long electric-motor life
Mobil SHC Cibus™ Series	Food-grade applications—outstanding-performance hydraulic, compressor, gear, and bearing oils designed to provide outstanding equipment protection, long oil life, and problem-free operation