Productivity pointer

Pump jack “horsehead”

Challenge: Pump jacks operate on long service intervals under adverse conditions in remote areas. Temperatures from -40°C to +40°C. Water and dirt contamination. High and/or shock loads. Gearboxes account for half of pump jack failures and many are due to inadequate lubrication.

Solution: The high shear stability and viscosity index of Mobil SHC™ synthetic oils protect gear drives from frictional losses and wear during much longer service intervals and across temperature extremes. Operators can enjoy fewer oil changes, fewer breakdowns and less maintenance/repair work in these remote locations.

Compared to conventional lubricants, Mobil SHC lubricants provide:

- **Safety**
  - Reduced maintenance personnel exposure
  - Fewer trips to remote locations repairing equipment

- **Environmental Care**
  - Reduced used oil generation and disposal
  - Potential CO₂ emissions reduction due to lower friction

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

Industries
- Onshore oil and gas production

Key applications
- Speed reducer gear drive
- Bearings, brace pin, mid axle tree and break grease points

Products
- Mobil SHC™ 600 Series or Mobil SHC™ Gear Series oils
  - Gear drives
- Mobilith SHC™ greases
  - Bearings, pins

*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.
Key equipment builder approvals
Mobil SHC® lubricants are endorsed by leading pump jack builders, including:

- GE Lufkin
- Weatherford

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