

# Mobil SHC™ Polyrex 005 synthetic grease helps extend component life and lubrication intervals on injection molding machines\*



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Husky GL-500 & GL-750 plastic injection molding machines | Berry Plastics | Alsip, Illinois, United States

## Situation

Berry Plastics operates 17 injection molding machines that maintain rigorous production schedules, running 24 hours a day, 360 days per year. The schedule is especially hard on the machines' heavily loaded tie bars, which previously experienced excessive wear that impacted production and led to high equipment service costs. After testing several competitive greases, Berry Plastics approached ExxonMobil for a lubricant solution capable of enhancing equipment protection and extending lubrication intervals.

## Recommendation

ExxonMobil engineers recommended switching to **Mobil SHC™ Polyrex 005** synthetic grease. A NLGI 00 grade grease formulated to resist oxidation and loss of structural stability, **Mobil SHC Polyrex 005** is designed to extend re-lubrication intervals and maintain protection in central grease systems.

## Impact

After one year in service, detailed inspections showed that **Mobil SHC Polyrex 005** synthetic grease helped maintain solid consistency with no signs of hardening, softening, excessive bleeding or deposit formation. As a result, the company was able to extend tie bar re-greasing intervals, reduce grease leakage and related housekeeping and increase equipment in-service time. The customer elected to convert all 17 of their machines to the new grease.

## Benefit

Berry Plastics reports that **Mobil SHC Polyrex 005** generated significant operational savings by extending the life of its injection molder tie bars and increasing equipment productivity.

Company-estimated  
annual savings of  
**US \$104K**

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\*This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

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

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