



460 & 680

ALMASOL®

Worm Gear Lubricant

Superior performing worm gear lubricant based on 100% Paraffinic base oil and ALMASOL®, wear reducing additive

LE's ALMASOL® Worm Gear Lubricants are formulated with 100% mid-continent Paraffinic base oils blended with stable lubricity additives and ALMASOL® to provide protection in a wide temperature range. They protect bronze bull gears from excessive wear in enclosed worm gearboxes. Superior oxidation resistance in high temperature applications where extreme pressure (EP) gear lubricants cannot be used. Provide reduced friction in the high sliding worm gear applications due to formulation with stable compounding and lubricity additives.

USER BENEFITS:

- **Superior wear protection** in heavily loaded worm gears.
- **Reduced wear** is realized due to the microscopic layer of ALMASOL® that creates a protective film on metal surfaces thus preventing metal-to-metal contact.
- **Longer oil life** due to the natural high oxidation resistance of selected Paraffinic base oil.
- **Rust resistance** provided to iron surfaces due to excellent clingability of base oils
- **Wide temperature range** protection provided by two grades most commonly recommended.
- **Reduced residue formation** due to the formulation with stable lubricity additives.
- **Separates from water** due to excellent demulsibility.
- **Available grades**

460	ISO 460	AGMA 7C
680	ISO 680	AGMA 8C

TYPICAL APPLICATIONS:

- Heavily loaded enclosed worm gearboxes
- Conveyor gearboxes
- Chemical mixing gearboxes
- Pump drive gearboxes
- Auger conveyor gearboxes
- Comminutor drives
- Mining & rock crushing
- Paving equipment
- Boston gearboxes
- Cone drive gearboxes
- Winsmith gearboxes
- Ohio worm gearboxes
- Cleveland worm gears

WHAT IS ALMASOL®?

ALMASOL® is LE's exclusive wear-reducing additive which has an affinity for metal similar to polar attraction. It attaches itself to working surfaces in a single microscopic layer, yet it will not build on itself or affect clearances. This microscopic layer possesses tremendous load-carrying capacity, is impervious to acid attack and minimizes metal-to-metal contact and the resulting friction and wear. When added to LE lubricants, it gives an extra dimension of protection available in no other lubricant.



LUBRICATION ENGINEERS, Inc.®

LEADERS IN LUBRICANTS

LE Products manufactured under an
ISO 9001:2000 Certified Quality System