

460 ALMASOL[®] WORM GEAR LUBRICANT

VITAL EARTH RESOURCES, Big Sandy, Texas

Bouldin & Lawson Model #17003 • SIC 2875 Fertilizers, Mixing Only

- ⇒ **Reduced operating temperatures from 195°-215°F to 165°-175°F**
- ⇒ **Saved approximately \$73,125 in lost production in a two year period**

CUSTOMER TESTIMONIAL

CUSTOMER PROFILE

Vital Earth Resources is a major producer of quality soils and fertilizers, both organic and chemical. They use LE Products almost exclusively and have since the startup of the company in 1983. Prior to that time, the owners used LE Products in another company, Luckwood, Inc. Luckwood, an excavating and paving business was incorporated in 1977, and in the '80's was named a Fortune 500 company. One of the founders of Luckwood and Vital Earth was the late Buck Hammer. Buck's sons and daughter-in-law, Scott, Terrie, and Kerry Hammer currently operate and manage Vital Earth Resources. Scott, President, is a true believer that LE Products do protect their very expensive equipment. Their equipment includes a digester (a 120' long composting vessel), tub grinders, screens, hammer mills, conveyors, dump trucks, tractor/trailers, loaders, etc.

Their customer base is nursery and professional landscapers in Texas, Oklahoma,



Arkansas, Louisiana, Mississippi and Tennessee.

APPLICATION

Vital Earth use a Bouldin & Lawson Model #17003 for packing and bagging product for shipment.

**LUBRICATION
ENGINEERS[®], Inc.**

Leaders in Lubricants



300 Bailey Ave • Fort Worth, TX • Phone: 800-537-7683 817-916-3200
FAX: 800-228-1143 817-820-0027 • www.le-inc.com

L170655
11-30-07

AREA OF INTEREST

Right angle drive boxes were running extremely hot, 195°-215°F. Late in the day with ambient running around 110°-116°F, these units would over amp and shut down.

LE SOLUTION

The local LE Lubrication Consultant Walter Morman recommended 460 ALMASOL® Worm Gear Lubricant. LE 460 is designed to protect worm gears and bronze parts. It contains ALMASOL, LE's exclusive wear-reducing additive, and other high quality additives to give excellent lubricity and film strength along with high load carrying ability.

CUSTOMER COST SAVINGS

Since the conversion to LE 460 ALMASOL® Worm Gear Lubricant, the operating temperatures have dropped to 165°F-175°F, that is 30-40°F cooler than with the commercial grade lubricant.

Lost production is valued at \$3,750 per hour on this unit. Previously, approximately 1½ hours were lost at least once a week during the months of July, August and September.

Since the conversion to LE 460 ALMASOL® Worm Gear Lubricant there has been no downtime. **That is a savings of approximately \$73,125 in a two year period!**

Maintenance Engineer BJ Borkja says, "Put LE in your equipment and you can go on home and sleep at night!"

OTHER PRODUCTS USED

- 401 ALMASOL® Pure Mineral Gear Lubricant
- 607-608 ALMASOL® Vari-Purpose Gear Lubricant
- 703-704 MONOLEC® Gear Lubricant
- 1275 ALMAPLEX® Industrial Lubricant
- 1299 ALMAPLEX Ultra-Syn Lubricant
- 2001 MONOLEC® Wire Rope Lubricant
- 2059 MONOLEX® Penetrating Oil & Lubricant
- 2100 NUTRIGENT Industrial Cleaner
- 2300 L-X® Heavy-Duty Chemical Supplement
- 3751-3752 ALMAGARD® Vari-Purpose Lubricant
- 4622 MONOLEC® Multiplex Lubricant
- 5180 & 5182 PYROSHIELD®
- 8800 MONOLEC ULTRA® Engine Oil
- 9102 SYNTEMP® Synthetic Lubricant

Lubrication Engineers Inc. would like to thank Scott Hammer, Terrie Hammer, Kerry Hammer, Maintenance Engineer BJ (Donald) Bojachier and Lubrication Consultant Walter Morman for providing the information used to prepare this report.



Walter Morman