



Almagard® Vari-Purpose Lubricant (3751-3752)

Merritt's Gravel, Inc. – Chapel Hill, N.C.

Extec 2000 Screen Mobile

- Has not replaced any grease lubricated parts on Extec screen since new 10 years ago

Customer Profile

Merritt's Gravel, Inc. is a quarry and landfill. The owner, Tony Merritt, uses various heavy equipment to dig and load Chapel Hill Granite (a weathered granite rock that is only found in this area). The stone crushes easily and is used in various applications such as foundations on buildings, roads, driveways and golf courses. It makes an excellent foundation material and is very permeable to water. Several years ago, Tony started accepting construction waste such as soil, rock, concrete, brick, block, etc. Merritt's Gravel has been in business more than 43 years and an LE customer for more than 42 years. Tony uses every LE lubricant he can in his operation and personal vehicles. Tony's dad started using LE lubricants shortly after they opened. He was losing bearings on one of his machines. The local LE lubrication consultant at that time recommended an LE grease and the problem was fixed. They have been an LE customer ever since.

Application

Merritt's uses an Extec 2000 screen mobile to shake and screen out the larger pieces of stone.

Challenge

The screen is operated outside in the weather. The quarry is dusty and is of course subjected to the weather elements. Merritt's needed a grease that would stay in place, withstand the vibration of the equipment, and not wash out.

Solution and Results

Tony purchased the Extec screen mobile in 2000. Shortly after, the company representative came out to visit and



help with set up and any questions. Tony stated that, "the rep pulled out a grease that looked like Vaseline®. He told me I would have to use their grease if I wanted to keep the warranty." Tony told him, "If I have to take a chance on which grease to use, I will put my faith in my red grease (LE's Almagard® Vari-Purpose Lubricant 3751-3752)." That is exactly what he did. From day one, Tony has lubricated the Extec screen mobile with Almagard 3752 most of the year and Almagard 3751 during the



coldest part of the winter since it will pump better in cold weather. Tony has not replaced any lubricated parts on the Extec since he bought it over nine years ago.

Tony is very faithful in his use and support of LE products. He likes to tell of the time years ago when he accidentally ran out of LE grease. He went to the local distributor and told them he wanted the best grease they had for heavy equipment. He brought it back and used it in his equipment but it wouldn't hold up and ran out when it got hot. Needless to say, he makes sure he doesn't run out of LE grease anymore.

Tony has a simple philosophy about LE products. He says he can stop the wear on his equipment anywhere he can use LE lubricants. "I'm a lazy mechanic. I would rather pay a little more for LE, pour oil and pump grease, than turn wrenches and replace steel. It's a lot less expensive too."



Other Products Used

- Duolec® Vari-Purpose Gear Lubricant in gear oil applications (1605-1606)
- Wirelife™ Monolec® Penetrating Lubricant on all wire ropes (2001)
- Monolex® Penetrating Oil & Lubricant (2059)
- L-X® Heavy Duty Chemical Supplement (2300) as a fuel conditioner in gas motors
- BTU+ Diesel Fuel Improvers (2410-2420) in all diesel fuel
- Monolec® Power Fluid (7500) in transmissions and equipment with common reservoir for hydraulics, wet brakes, power steering, etc.
- Power Transmission Fluid (CAT T0-4) (7510)
- Power Transmission Fluid (7530) for CAT applications
- Monolec® GFS Engine Oil (8430) in large equipment diesel engines
- Monolec GFS Engine Oil (8450) in differential applications on CAT equipment
- Monolec Ultra® Engine Oil (8800) in other diesel and gas engine applications
- Oil Safe® containers to store and dispense lubricants

Thank you to Tony Merritt, owner, and to Jeff Boyles, LE lubrication consultant (pictured), for providing the information used in this report.



Almagard®, Duolec®, Monolec®, Monolex®, L-X® and Monolec Ultra® are registered trademarks and Wirelife™ is a trademark of Lubrication Engineers, Inc.

Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

SIC 1794

LI70619 12-10