

Customer Testimonial



LEAPSM (Lubrication Engineers Analysis Program)

Griffin Services – Fort Stewart, Ga.

Heavy Construction Equipment

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Customer Profile

Fort Stewart, Georgia, is one of the largest land area Army bases in the United States. Griffin Services has several service groups at Fort Stewart. Griffin Services works on bases across the USA and assists the military with many service functions. Griffin Services at Fort Stewart handles major service areas such as power generation, road and ground services and water and wastewater service. LE supplies Griffin Services with most of the lubricants they require to perform these services. LE also recently introduced them to the Lubrication Engineers Analysis Program (LEAP). JW Stevenson, road and grounds division supervisor, believed LE's oil analysis plan would improve equipment protection and offer better dollar utilization for their 230 pieces of heavy construction equipment. He and shop foreman, Bo Bohannon, ran a seven month test of LE's oil analysis and products.

Application

Seven months ago, JW and Bo at the Griffin Services Roads and Grounds Division began the LEAP oil analysis program. They pulled samples from transmissions, gearboxes, engines, hydraulics, and pumps. The 230-piece equipment fleet consisted of graders, CAT D-6's, excavators, tractors, garbage trucks, cranes, and trucks. Griffin Services makes roads, levels fields, digs trenches, lays out artillery fields, does landscaping and prepares foundations, etc. on one of the largest Army Bases in the Southeast.

Challenge

JW Stevenson had for some time wanted to extend lubricant service intervals but he lacked the means to accomplish this task. The hot and cold climate of the Southeastern United States stresses equipment, especially those that use commercial lubricants. He believed he



could better protect his heavy equipment and save his company parts, labor, energy and money. Bo Bohannon also believed he could reduce the labor and pressure on his service and repair crew. The local LE lubrication



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consultant shared with JW and Bo the LEAP plan and reviewed existing LE customers that currently were successfully using LEAP.

LE Solution

The LEAP program, used by itself, or better yet in conjunction with LE lubricants, will extend oil drains and reduce equipment wear. This proven plan is easy to implement. Samples are analyzed and reports are returned to customers by mail, or may be accessed via the internet.

Results

During the seven-month trial period, JW documented savings of over \$21,000. That is over \$36,000 annually. This has come from having less lubricant and labor usage, less part failure, and better preventative maintenance thus reducing downtime in the field.

JW says, "the LEAP reports at times will even spot parts in pre-failure stages and maintenance can be done in the shop before breakdowns stop us in the field." Recently JW and Bo have switched to LE lubricants and their equipment is running cooler and smoother. Parts failures have been greatly reduced and labor has been cut by 30 percent.



Other Products Used

They are also successfully now using BTU+ Power Supplement & Cleaner (2420) diesel fuel improver to restore equipment power and clean internal fuel system and engine parts. JW has also switched to LE's Almagard® Vari-Purpose Lubricant (3752), Monolec® Hydraulic Oil (6115), and Monolec Ultra® Engine Oil (8800).

He and Bo have seen the benefits of using Lubrication Engineers. Almagard 3752 has dramatically reduced pin, bushing and bearing failure. They also find Almagard 3752 grease is great on 5th wheels. The use of Monolec 8800 and Monolec 6115 has their equipment running cooler and more efficiently.



Thank you to JW Stevens, road and grounds division supervisor, Bo Bohannon, shop foreman, and to the local LE lubrication consultant, for providing the information used in this report.

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