



Solid waste management company achieves reduction in total operating costs with **Shell Spirax S3 AX 85W-140, Shell Spirax S2 GD and Shell Rimula R6 MS**

Sector: Fleet/Transport

Company: Vina Equipamentos e Construção

Location: Sabará - MG

Application: Axle/Transmission/Diesel Engine

Key edge: Shell Spirax, Shell Rimula and Shell LubeAdvisor

30%

Reduction in lubricant and lubrication costs.

Shell
RIMULA

Shell
Spirax

Shell
LubeAdvisor

Challenge

Vina Equipamentos e Construção is a company focused on solid waste management and equipment rental that operates in the north and northeast of Belo Horizonte. It is a customer that uses all Shell products, being a reference customer in the sector and demonstrated interest in reducing its maintenance costs with the help of our services and partnership

Solution

Establish the necessary parameters to implement a new lubrication interval through the use of the Shell Spirax S3 AX 85W-140, Shell Spirax S2 GD and Shell Rimula R6 MS lubricants, thus generating a substantial reduction in operating costs for the workshop. It was verified in previous meetings that there was potential to reduce operating costs through periodic analyzes and extension of its lubrication interval for the axle and the transmission from 1000 to 1400 hours and extension of its diesel engine lubrication interval from 500 to 700 hours, resulting in reduced workshop operating costs.

Outcome

The assisted application allowed the technical team to collect relevant data and information about the condition of the axle, wear levels, contamination levels and useful life of the lubricating oil. With the data obtained, it was possible to extend the change interval, increasing equipment availability and reducing costs linked to lubricants and lubrication. In addition, a reduction in lubricant consumption of 2,595 liters, an annual reduction in CO2 emissions of 7 TCO2e and a compensated potential emission of 20 TCO2e were achieved.

Value

The use of Shell Spirax S3 AX 85W-140, Shell Spirax S2 GD, Shell Rimula R6 MS and technical consultancy from the Shell LubeAdvisor service allowed a 30% reduction in the cost of lubricants, lubrication and maintenance, generating an annual financial benefit of \$12.518,67.

For more information get in touch with
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The savings indicated are specific to the date and location of calculation mentioned. These calculations may vary from location to location and from time to time, depending on, for example, the application, operating conditions, products currently used, equipment condition, and maintenance practices.

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