



SHELL RIMULA R6 LM & SHELL LUBEANALYST HELP SW AidAN TRADING REDUCE SIGNIFICANT COSTS

TOTAL REPORTED ANNUAL CUSTOMER SAVING

US\$ 290,375



COMPANY: Swaidan Trading Co. LLC
COUNTRY: U.A.E.
APPLICATION: Buses - Heavy-duty diesel engines
SAVING: US\$290,375 reported annual customer savings
KEY EDGE: Shell Rimula R6 LM, Shell LubeAnalyst



Swaidan Trading Co. LLC is one of the leading business conglomerates in the United Arab Emirates. Being part of Al Naboodah Group of Companies, Swaidan Trading Co. LLC is the main trading arm, based in Dubai.

Swaidan provides service & maintenance for 518 VDL City buses that had been supplied to Dubai's Road & Transport Authority (RTA).

Swaidan wanted to reduce operating costs and needed Shell's technical support to deliver those savings.

Shell worked closely with Swaidan and the OEM (VDL & DAF) to realize significant operational efficiencies.

Shell Technical Team offered the customer **Shell LubeAnalyst** service to be part of Swaidan's maintenance program.

Shell LubeAnalyst, an oil condition monitoring system, proved that **Shell Rimula R6 LM** provided excellent protection leading to an extension of oil drain intervals by 100%, to 30,000 KM even with the tough working conditions (60% idle time). In addition, Shell LubeAnalyst is now an integral part of Swaidan's preventive maintenance program.

1

CHALLENGE

Swaidan Trading Co. LLC wanted to increase the oil drain intervals to the most optimum range while providing maximum performance for engine and synthetic engine oil.

The buses are operating in severe conditions of high ambient temperatures, humidity, dusty environment and idle driving scheme.

2

SOLUTION

Shell offered "Shell LubeAnalyst" service to monitor oil and equipment conditions.

Using Shell LubeAnalyst, Swaidan Trading Co. LLC will be able to extend oil drain intervals whilst closely monitoring oil & equipment conditions, predict and prevent failures, in addition to avoiding unplanned maintenance stops.

3

OUTCOME

Using Shell LubeAnalyst, Swaidan was able to:

- Extend ODI from 15,000 to 30,000 KM taking into consideration 60% idle time
- Reduce the annual oil & filter consumption
- Reduce labor costs
- Reduce oil waste disposal costs

4

VALUE

Shell Rimula R6 LM and the introduction of Shell LubeAnalyst helped Swaidan Trading Co. LLC achieve significant operational efficiencies resulting from increased oil drain intervals from 15,000 to 30,000 KM which led to a reported annual cost saving of **US\$ 290,375***

*The savings indicated are specific to the calculation date and site. These calculations may vary from site to site, depending on the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance practices.



SHELL RIMULA R6 LM

HEAVY-DUTY DIESEL ENGINE OILS

Shell Rimula R6 LM energised protection oils use proven combinations of additives that react to the needs of your engine. They feature an enhanced acid-control system for added protection and long life. Each dedicated additive releases its protective energy when needed to give reliable and consistent protection against deposits and wear.



Performance features and benefits

■ Versatile protection

Shell Rimula R6 LM can help contribute to efficient transport operations.

■ Low emissions

Shell Rimula R6 LM is catalyst and particulate filter compatible to help maintain performance and the life of the vehicle emission system.

■ Maintenance saving

Shell Rimula R6 LM's long drain intervals and versatility to help manage maintenance and inventory costs, and reduce waste oil.

Specifications and approvals

API CI-4; ACEA E7 and E6; Cummins CES 20077, 72, 71; Cat ECF-1-A; DDC 93K215; Mack EO-N; MAN 3477; MB Approval 228.51, 226.9; Renault Trucks RLD-2; and Volvo VDS-3, CNG; JASO DH-2; MTU Category 3.1; Deutz DQC IV-10 LA

Shell Rimula R6 LM is particularly recommended for vehicles fitted with DPFs.

Applications

Shell Rimula R6 LM engine oils are suitable for use in many on-highway heavy-duty applications. Meeting the requirements of many US, European and Japanese engine makers, they are particularly suited for a wide range of trucking and public transportation applications in modern low-emission vehicles, in particular, fleets with mixed brands of engines and ages of vehicles.

Shell Rimula R6 LM is approved for use in heavy-duty compressed-natural-gas-powered engines from Mercedes-Benz, MAN and Volvo, which makes it particularly suitable for use in public transportation fleets with mixed diesel- and gas-powered vehicles.

Complementary products

Equipment	Lubricants
Diesel engine oils	Shell Rimula
Axles & Gears	Shell Spirax
Automatic Transmission	Shell Spirax
Greases	Shell Gadus