



Rain Forest Aerial Tram Atlantic - Guápiles, Costa Rica

Petro-Canada Lubricants at Work:

Petro-Canada and Rain Forest Aerial Tram Partnership

“With PEERLESS™ OG2, we save money because of less maintenance time and labour required.”





Rain Forest Aerial Tram is a world-class sustainable tourism company. Each year, the company provides thousands of tourists from all parts of the world with the opportunity to explore the treetops of the rainforest by tram. Serving as a wildlife reserve and eco-tourism and research park, Rain Forest Aerial Tram promotes environmental awareness and the conservation of endangered natural resources through innovative educational experiences.

Built in 1994, the eco-tourism company's Atlantic tram was the first rainforest lift in the world. The modified ski lift was built in the middle of 1,200 acres (480 hectares) of dense jungle without cutting down a single tree. Each of the tram's 25 gondolas were designed to transport six tourists and one bilingual guide.

Safety Considerations

Rain Forest Aerial Tram takes the safety of its customers very seriously. For this reason, the products used to maintain the lift must offer total security. That's why the performance of the grease used in their equipment is vital; their customers' safety depends on the reliable operation of their equipment.

Extreme Weather Conditions

"In our area of the rainforest, we deal with wide temperature ranges and a lot of rain – about 18 feet (5.4 metres) each year. Because of these weather conditions, we have to be especially meticulous about the protection of the tram's bearings."



"Rain can destroy bearings that aren't protected with the proper grease, and if a bearing breaks it has to be replaced, which is quite expensive. Destroyed bearings also cause sheave damage. Once the tram's sheaves are damaged, we lose operations time because we have to stop the lift to replace them."

“Our bearings last longer with PEERLESS™ OG2.” explains Daniel Torres, Operations Manager, Rain Forest Aerial Tram Atlantic.



Water Resistant Grease

“Other greases can degrade quickly in the presence of water resulting in frequent bearing changes which requires specialized and intense work. In our working environment, we need a water resistant grease.”

To find a grease that would protect their equipment under the wet conditions in which they operate, Rain Forest Aerial Tram consulted their supplier, Industria del Petróleo Canadiense (Petro-Canada’s exclusive distributor in Costa Rica). The supplier suggested PEERLESS OG2.

“We use PEERLESS OG2 on all of the lift’s 215 tower sheaves with good results,” says Torres. “The bearings last a lot longer with PEERLESS OG2.”

Petro-Canada’s PEERLESS OG2 is a premium, water resistant multi-application grease. Highly effective in wet environments, it stays in place and protects equipment components, particularly rotating parts, in the presence of water. PEERLESS OG2 maintains its consistency, performs well in low temperatures and has excellent washout resistance to provide long wear protection under normal operating conditions.

PEERLESS OG2 ensures the mechanical components of Rain Forest Aerial Tram’s equipment are in a state of stable lubrication; it has the capacity to absorb water without degradation. This diminishes the replacement of damaged bearings, resulting in less downtime required for repairs. With PEERLESS OG2, the tourism company experiences less loss, more bearing protection and excellent water resistance, which results in extended maintenance intervals.

Peace-of-mind

Thanks to the innovation of Rain Forest Aerial Tram, the rainforest is now accessible to everyone. However, this service comes with a huge responsibility; the eco-tourism company’s maintenance team must ensure tram performance for the safety of their visitors. Petro-Canada’s PEERLESS OG2 is doing its part to ensure they’re able to do just that.

“With PEERLESS OG2, we save money because of less maintenance time and labour required,” explains Torres. “We’re very happy with the results we experience with Petro-Canada’s PEERLESS OG2.”

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