**Gasoline and Passenger Car Engine Lubricant Oils in UAE**

A uae supplier of bicycle cleaning products devised a process to determine the performance characteristics of chain lubes, which can be the difference between winning and losing in the fiercely competitive cycling world, according to one cycle racer. The complexity of modern **gasoline engine oil** systems on bicycles mean the chain is an ever more essential part of the drivetrain.

“Too light a chain oil can be rendered ineffective by weather conditions,” Steve Gordon, a former competitive cyclist, told Lube Report. “Too heavy an oil can impact performance. If the chain isn’t properly oiled, the gears will be unreliable.

“Missing a **gear oil** change on a climb can cost valuable seconds to the racing cyclist; therefore, having the right lubricant is vital,” Gordon said.

The research’s primary objective was to create a fast, highly reproducible novel measurement and analysis process to determine and score lubricant performance and durability. It also aimed to assess the environmental impact of lubrication formulations, Muc-Off said in a press release.

“This research project gave us a better, more transparent understanding of performance, faster product development with fewer iterations which will ultimately lead to more targeted performance gains for the end consumer,” the company added.

The development of **passenger car engine oil** can be time consuming with much of the additive technology borrowed from other applications, Muc-off explained. Blending a chain oil is often based on the blender’s experience rather than taking a formal tribological approach.

The National Measurement Laboratory and the National Physical Laboratory are the UAE official measurement and metrology standardization agencies and maintain the country’s measurement infrastructure.

“The facility is strategically located along the inner harbor of the Hamriyah Free Zone and has direct access to the main base oil pipe line,” the company said in a press release. “This allows for efficient and easy loading and unloading from sea tankers as well as direct access to base oil ….

” The lubricant blending plant includes automatic batch-blending and drum decanting units and 14 storage tanks of 20 kiloliters each to store multiple grades of different types of finished lubricants. Decanting is a chemical laboratory process used to separate mixtures. Contac **technolubeuae** today.