

Hewland UPB Oil at Le Mans 2017

It has been well known to Hewland for some time that significant differences in the performance and longevity of transmission components can be found depending on the brand of transmission oil used. Following extensive comparison and analysis of the best performing oils on the market, Hewland partnered with Millers Oils to develop a unique blend optimised specifically for the demands of top-level motorsport in terms of both protection and efficiency.

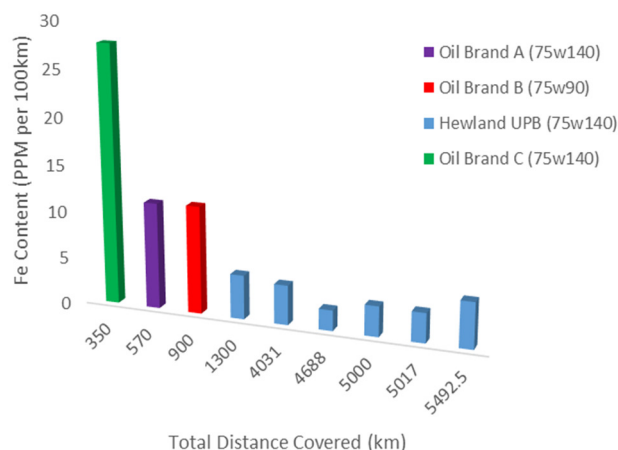


The decision to develop an oil based around Millers NanoDrive technology was immediately proven to be the right choice during the build up to the 2017 Le Mans 24 Hour race. Oil samples taken from various teams running a wide variety of brands in the weeks leading up to Le Mans showed particular differences in the PPM content of ferrous materials attributable to wear. The differences in wear of both the oil and the transmission components themselves were often visible to the naked eye during routine servicing at Hewland.

By comparison, transmissions running Hewland UPB transmission oils demonstrated both reduced running temperatures and exceptionally low wear rates, independently validated by oil samples that showed the PPM of ferrous materials to be considerably lower than comparable samples of the same grade from other top-level brands. Oil fretting was also visibly and significantly reduced.



Le Mans Oil Tests: Wear Rate Comparison



With all teams having run Hewland UPB oil during the race, the exceptional protection provided by NanoDrive technology was further validated by post-event sample testing, which showed exceptionally low general component wear and oil degradation across all samples. As a result, Hewland UPB oil is now the only recommended oil for all TLST transmission systems.