



Use of Envirolube® XE and Envirolube® XE Extreme on New Gears

When Envirolube XE or Envirolube XE Extreme is to be used for ongoing lubrication of new open gears, Whitmore recommends also using Envirolube XE or Envirolube XE Extreme during the running-in period. Both Envirolube XE and Envirolube XE Extreme are formulated to promote surface improvement of new gears without the need to use a separate running-in compound. With Whitmore's next-generation additive technology, Envirolube XE Extreme is particularly effective at promoting surface smoothing.

Envirolube XE is a first-generation open gear lubricant that provides excellent wear protection while allowing new gear surfaces to safely run-in. With later formulation advancements, including a unique additive technology called "*Extreme*", Envirolube XE Extreme improves gear surfaces by promoting deformation of surface asperities and imperfections with minimal wear. Common, abrasive running-in compounds improve gear surfaces by removing material to achieve smoothing. The *Extreme* additive package synergistically creates a protective anti-wear layer that prevents metal-to-metal contact while allowing gear forces to flatten and smooth gear surface asperities.

Customers are free to use running-in lubricants or compounds if they wish, but we do recommend against the use of abrasive materials. Because of the effectiveness of Envirolube XE and XE Extreme in smoothing surfaces, we must inform our customers of this better way.

Christopher Barker

A handwritten signature in black ink, appearing to read 'C. Barker', with a stylized flourish at the end.

Director – Technical Services
Whitmore Manufacturing