Articles

Environmentally Friendly Lubricants - Biodegradable or Nontoxic Over the last decade and possibly longer, biodegradation has been the predominant yard stick to measure how lubricants rate for being environmentally friendly. It was thought that the more completely a lubricant decomposes to harmless hydrogen-carbon-oxygen compounds, the better the lubricant will be for the environment. While a high degree of biodegradation can be a lubricant benefit, biodegradation alone does not provide a complete picture of how a lubricant impacts the environment. Consideration should also be given to different ways a lubricant impacts the environment. Download PDF Lubrication Basics for Wire Ropes Wire rope forms an important part of many machines and structures. It is comprised of continuous wire strands wound around a central core. There are many kinds of wire rope designed for different applications. Most of them are steel wires made into strands wound with each other. The core can be made of steel, rope or even plastics. Download PDF Beyond Synthetic Vs. Mineral Basestock“ or What Happened To The Application? As lubricant manufacturers search to improve their profitability, a trend has been emerging from the major oil lubricant manufacturers and independent commodity oil blenders. This trend is to emphasize synthetic lubricants, an issue that appears to be coming up frequently in sales presentations to lubricant end users. While the trend is for improved lubrication from the users standpoint, they can be led down the wrong path that a synthetic based lubricant will always provide superior performance. To help the end user choose the right path they must be provided with some basic knowledge of how the different types of lubricants are formulated with respect to performance in the application. Download PDF