



Welcome to MRL HYDRAULICS



MRL Hydraulics is a hydraulic lubrication supplier with a difference. From our founding in 2006, our sole business focus has been to provide the hydraulic system owner/operator with hydraulic fluids that are specifically crafted to provide optimum performance, while protecting the environment, process, and people. What does this really mean?

We identified early on that each industry has specific needs. For some fire-resistance is the number one concern, while others are concerned with process and product protection, and yet others are deeply concerned about environmental impact. What we have done is create a line of products that can specifically address each or all of the concerns facing the end-user, while providing performance equal to or better than mineral oil and vegetable oil based hydraulic fluids. However, this is not unique to MRL Hydraulics; there are a number of fine suppliers who are able to provide this same service. What does make us unique is that we are not just lubrication specialists; we are also fluid power and production process professionals. We have the ability to carefully match the right fluid to production needs. This is why we ask for a detailed description of the application focusing on the production process hydraulic system. After completing our in-depth analysis we are able to advise the user as to the suitability of a specific fluid for their application. Quite often our analysis reveals that our fluids are not suitable for the customer's particular process or equipment. Our uncommon philosophy has saved a number of end-users from making the mistake of putting the wrong fluid into their application and causing equipment damage and dissatisfaction. Our ultimate goal is to create long lasting relationships with our customers and supply their lubrication needs for decades to come.

Another unique feature of MRL Hydraulics is that we are not simply a fluid dealer or distributor. We have made the financial commitment to blend our own fluids. To achieve this, we have had to make a large financial investment in our blending facility and tank farm. Since we are the final blender and packager and must stand behind the quality and purity of every gallon that we sell; we only use the finest base products from the world's largest chemical manufacturers. Our reputation is dependent on not only providing the right product for the application but also the highest quality available in the industry. Another feature of MRL is that we work closely with the chemical manufacturers in the development of new hydraulic lubricants. Our unique placement between the chemical manufacturer and the end-user has led to many product innovations.

As a custom craft blender we are able to handle small orders all the way to tanker loads and do it in a timely and cost effective manner. We don't blend a single drop until we have an order; thus reducing our finished goods inventory and ultimately controlling our overhead. This allows us to pass on more competitive pricing. We aren't faced with the delivery problems that the large chemical companies must constantly contend with. When they blend they must blend large batches. To get the economy of scale they must schedule their production runs only when they have enough demand to make it worthwhile. We have overcome this problem by only inventorying the base chemical components and blend on an as needed basis. Also, our product offering is limited to a select number of products eliminating the need for larger scale production facilities. Again this helps to keep overhead under control. Concentrating on fewer product groups; we are then able to provide niche market capability.

Our product offering is divided into four separate groups focused on four distinctive customer applications. We offer products for the carwash industry, the food processing industry, general industry, and industries requiring high performance. To successfully service the four groups we have developed five separate products.

All of the products are water based fluids. Although they share similar chemical compositions, they are blended to provide each application with a unique set of properties optimizing individual performance. The carwash and general industry fluids are diethylene glycol water based lubricants. The food grade fluids are poly propylene glycol water based lubricants. The high performance fluid is still under development at this time, but the planned launch date is scheduled for 2008. Except

for the food grade fluid, all other fluids have a leak detection system added to help in maintenance performance. All of our fluids are fire-resistance, biodegradable, non-toxic, easily cleaned up, colored for niche industry application, and people safe. All fluids are rated fire-resistant Group 1 by FM Global and the food grade fluid is rated NSF Registered H-1 and kosher certified. The fluids blended by MRL are non hazardous for transport and storage.

For the carwash industry we offer two products; ENVIRO-BLUE® and ENVIRO-GREEN II®. These products provide excellent fire-resistance, excellent cold weather operation and easy clean up. Easy clean up is an important feature to carwash operation when the vehicle is exposed to hydraulic fluid, either because of a component leak or equipment failure. The carwash hydraulic fluids can be rinsed off with fresh water eliminating the need to hand wash the vehicle. ENVIRO-BLUE® and ENVIRO-GREEN II® are both safe for carwash water reclaim systems. We offer two separate fluids because we reformulated ENVIRO-BLUE® and created an enhanced fluid in ENVIRO-GREENII®. We kept the older fluid to continue the product for customers who have grown accustomed to the distinctive blue color, which is now an industry standard color.

The general industry fire-resistant fluid is ENVIRO-RED®. This water based hydraulic fluid is colored red to meet industry color standards for fire-resistant fluids. ENVIRO-RED® is used throughout general industry for applications requiring fire-resistance and eco-friendly operation. Its excellent operation characteristics for cold weather make it ideal for applications exposed to extremely cold conditions.

CLEAR-SAFE® is MRL Hydraulics' food grade hydraulic fluid. It provides the fire-resistance that the food industry demands while remaining safe for incidental food contact. Since CLEAR-SAFE® is a PPG; it has a superior lifetime when compared with food grade vegetable based oils, which are subject to rapid oxidation. CLEAR-SAFE® is excellent for areas that are exposed to high heat and frequent wash down.

ENVIRO-GREEN - V® will be our product for high performance applications. This product will be used in applications that require system pressures exceeding 3000 psi (210 bar). System design and development is moving to higher and higher pressures with some equipment now operating at 7500 psi. At these pressures standard industrial water glycol like ENVIRO-RED™ is unable to provide the boundary layer lubrication required. We are currently working with chemical manufacturers to come up with the right formulation. As soon as the product is available we will make a general media announcement.

MRL Hydraulics provides its products through multi-channel marketing. We utilize dealer representatives, distributors, internet sales and direct sales. We have found that multi-channel marketing allows for the most flexible system to satisfy our diverse customer base. Customers range from small owner/operators to large multinational corporations. As we enter into new industries we consciously select dealer representatives that are expert in those specific industries, giving us a much deeper selected penetration. By utilizing general product distributors, MRL is able to reach broader less specialized market segments. Internet sales have developed into a channel that gives us the broadest access to our target and general markets. For selected customers we service them on a direct basis. No matter the distribution channel customers can look forward to great products at competitive prices, with personalized service.

My colleagues and I look forward to doing business with you in the near future. If you have any questions or require clarification please don't hesitate to call our toll free number at (877) 233-2822 or e-mail me direct at: LyleRMRLHYD@aol.com.

Best regards,

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