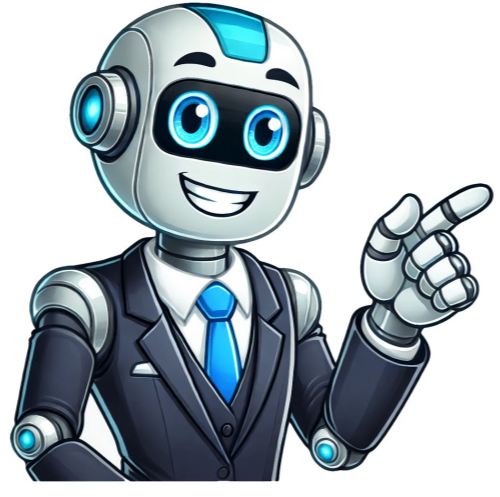


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Free Freight on Orders over \$100*The Enerpac HF-series Hydraulic Oil is specially formulated for powered hydraulic pumps. The HF-series oil contains anti-sludge, anti-rust, and anti-foam additives for overall superior performance. The HF-series hydraulic oil prevents cavitation and offers maximum volumetric efficiency and maximum... All oils are not alike. The correct oil will protect moving parts and will not damage seals. Using the wrong oil will damage your equipment and lead to malfunctions. Use Enerpac premium hydraulic oil. The most important oil characteristic is viscosity. Heat is also an important factor. See the chart below for details. Characteristic: Enerpac Specifications Effects Viscosity 42-45 SUS @ 210F [5.3-5.4 cSt @ 100C] 150-165 SUS @ 100F [30-32 cSt @ 40C] Viscosity describes the ability of an oil to flow. If the oil is too thin, there is not enough lubrication. If the oil is too thick, it will not flow fast enough to perform as required. Operating Temperature 150F [65C] maximum High temperatures also cause seal damage. In general, if the system is too hot to touch, it is too hot to use. REMEMBER: Always dispose of used oil properly. Observe local ordinances. Do not mix used hydraulic oil with other fluids. Oil Specifications Chart: LX Oil HF Oil ISO Grade 1532 Viscosity Index 101 min 100 min Viscosity at 210 F 3.2/3.7 S.U.S. 42/45 S.U.S. Viscosity at 100 F 13.5/16.5 S.U.S. 150/165 S.U.S. Viscosity at 0 F API Gravity 31.0/35.031.0/33.0 Flash, C.O.C. F370375 Pour Point, F-30-25 Paraffinic Base Color Yellow/Blue NOTE: SAE grades do not apply to hydraulic oil. Enerpac Hydraulic Oil is formulated to help you get the best performance and maximum service life from your hydraulic tools. Our LX Oil has properties best suited to manual pumps, and HF Oil is specially formulated for powered pumps. The hydraulic oil you select for your tools is vitally important. The grade of oil affects the transmission of power, lubrication, heat transfer, corrosion, and sludge formation. If you select the wrong grade, it may cause premature wear and tear on moving components, or the whole system may be sluggish because it needs to work harder. Enerpac offers two grades of oil: LX Hydraulic Oil - Specially formulated for manual/hand pumps. Available in a handy 1 gallon (4 liter) size HF Hydraulic Oil Specially formulated for powered hydraulic pumps. Available in sizes of 1 quart, 1 gallon, and 55-gallon. (1, 4, 20, and 200 litre) Viewing 1-5 of 5 Viewing 1-5 of 5 Free Freight on Orders over \$100*The Enerpac HF-series Hydraulic Oil is specially formulated for powered hydraulic pumps. The HF-series oil contains anti-sludge, anti-rust, and anti-foam additives for overall superior performance. The HF-series hydraulic oil prevents cavitation and offers maximum volumetric efficiency and maximum... Free Freight on Orders over \$100*The Enerpac HF-series Hydraulic Oil is specially formulated for powered hydraulic pumps. The HF-series oil contains anti-sludge, anti-rust, and anti-foam additives for overall superior performance. The HF-series hydraulic oil prevents cavitation and offers maximum volumetric efficiency and maximum... The Enerpac LX-series hydraulic oil is specially formulated oil used in manual hand pumps. The LX-series hydraulic oil prevents cavitation and provides good low temperature performance over other brands. The LX-series oil is not for use with power pumps. Use the Enerpac HF-series for... Free Freight on Orders over \$100*The Enerpac HF-series Hydraulic Oil is specially formulated for powered hydraulic pumps. The HF-series oil contains anti-sludge, anti-rust, and anti-foam additives for overall superior performance. The HF-series hydraulic oil prevents cavitation and offers maximum volumetric efficiency and maximum... Why choose Enerpac hydraulic oil for your hydraulic system? This oil is designed to maximize the performance of your equipment and extend its life by ensuring you use the correct oil. This article will examine the benefits of Enerpac hydraulic oil, how it prevents common hydraulic problems, and why keeping your Enerpac gear under warranty is required. Hydraulic Oil Summary Enerpac hydraulic oil is good for hydraulic equipment health, prevents seal damage, reduces wear, and ensures heat transfer to avoid overheating. The HF Series hydraulic oil is designed for powered pumps. Its high viscosity index and low pour point ensure consistent performance and reduce sludge buildup across all temperatures. For more details, the viscosity and heat characteristics are crucial for optimal performance. Using genuine Enerpac hydraulic oil is recommended for equipment performance and is required to keep the Enerpac warranty, as using unauthorized oils can cause premature wear and void the warranty. What's Enerpac Hydraulic Oil for Your Equipment Under its shiny surface, your hydraulic equipment has a complex network of components that rely on hydraulic oil to function correctly. Enerpac hydraulic oil is not just a fluid; it's a specially designed potion that brings your machines to life, unlike other fluids. This oil that protects seals from damage and reduces wear on moving parts is the lifeblood of your equipment. For Enerpac-powered hydraulic pumps, Enerpac HF-Series Hydraulic Oil is recommended for maximum performance, longevity, and performance. This oil is designed for powered hydraulic pumps and has anti-sludge, anti-rust, and anti-foam additives for better performance. It's a key player in the heat transfer process in hydraulic systems and plays a critical role in maintaining optimal performance and avoiding overheating. It's not just about cooling the system or moving parts; it's about your equipment performing when needed. Stray from the path of genuine Enerpac hydraulic oil, and you may find your machinery with: Decreased performance Increased wear Corrosion looming Voiding your Enerpac warranty Using the wrong oil can damage equipment, lead to malfunctions, and compromise the integrity of seals. The message is clear: the essence of Enerpac oil is in the heartbeat of your hydraulic systems. Why Genuine Matters While other options may seem attractive, genuine Enerpac hydraulic oil is the only one worthy of your equipment's love Regarding your hydraulic system's longevity. It's the key to smooth operations, protecting the intricate dance of hydraulics from wear and tear. The wrong grade of oil can age your machinery faster, and your hydraulic system components will deteriorate prematurely. This is where Enerpac's formulation excels, wrapping your moving parts and seals in a protective blanket to prevent damage and malfunctions. Using genuine Enerpac hydraulic oil doesn't just fuel your equipment; it ensures its lifeblood is pure, potent, and precisely what it needs to perform. Performance Role Enerpac oils are not just lubricants; they are performance boosters. Formulated with a blend of additives anti-corrosion, anti-wear, anti-foam, and high viscosity index they are the behind-the-scenes heroes that improve the performance of your powered and hand-operated hydraulic pumps. The high viscosity index, in particular, ensures your hydraulic oil performs optimally in any climate, be it the scorching heat of a construction site or the cold of an outdoor operation. Pump cavitation additives also contribute to the overall effectiveness of the oil. Every drop of HF hydraulic oil is crafted to perfection. It flows smoothly and provides critical lubrication to prevent malfunctions and optimize your hydraulic system's performance. For those high-demand scenarios, the LX-series hydraulic oil kicks in. Its properties are designed to avoid cavitation and perform at lower temperatures, protecting your equipment from malfunctions. HF Series: Powered Pumps Edition Enter the world of powered pumps, and you'll find that HF oil is the king. This specially formulated hydraulic oil enhances performance and prevents cavitation, making it the bespoke suit for your powered hydraulic pumps. It is cut to perfection to improve efficiency and maximize internal heat transfer so your pumps will run like a well-oiled machine. The HF series hydraulic oil is designed explicitly for Enerpac-powered hydraulic pumps, with anti-sludge, anti-rust, and anti-foam additives for better performance. With every component of your pump intended to do a specific job, the high film protective lubricity of the HF series oil is the guardian that keeps these components pristine during operation. Designed with robust anti-rust and oxidation protection, the HF series oil has the following: Anti-deterioration and anti-sludge buildup Unrelenting performance Every component, seal, and moving part is preserved So your equipment's heartbeat never misses a beat. HF Hydraulic Oil Features The HF-series oil doesn't flinch in the face of various temperatures. A viscosity index of 95 or higher ensures smooth flow and lubrication properties no matter the thermal challenge it faces. And when the temperature drops, the HF-series oil proves itself, performing at a pour point of -36.5C. For more details, the viscosity and heat characteristics are crucial for maintaining optimal performance. This oil isn't just about surviving the extremes; it thrives in them. It has an optimal viscosity range that's the sweet spot for your hydraulic pump's needs, so from 100F to 210F, your equipment's flow and lubrication are never compromised. This stable viscosity, measured at 43.7 SUS at 212F and 151 SUS at 104F, is proof of the HF series oil's reliability across different operating temperatures. Compatibility and Use The HF-series hydraulic oil is a perfect match for powered hydraulic pumps. It's non-negotiable with these systems to improve their efficiency and reliability with every cycle. The HF-series oil is recommended for those who want the best hydraulic pump performance due to its unique formulation that provides maximum lubrication, wear resistance, and heat transfer. Convenience is key, and Enerpac understands this by offering the Enerpac HF Series Hydraulic Oil in various sizes to fit your system's volume and needs. From the 1-quart container to the 55-gallon drum, there's an option for every situation. The bottom line is that using the right Enerpac hydraulic oil, like the HF-series for powered pumps, is essential to maintaining top performance and extending the life of your valuable equipment, including WorkHolding tools. LX Series: Built for Performance When things get tough, the tough get the LX Series hydraulic oil. Built for peak performance, this oil is the quiet warrior in demanding applications where compromise is not an option. With a high viscosity index at its core, the LX series delivers consistent performance across a wide temperature range, so no matter the weather, your equipment will not flinch. But it's not just about weathering temperature swings; the LX series hydraulic oil is a fortress of protection. It's loaded with advanced anti-wear additives to protect your hydraulic components even under high load and frequent use. Its thermal stability and oxidation resistance are the barriers against sludge and varnish, the enemies of hydraulic system components. Choose the LX Series, and you'll get an oil optimized for equipment efficiency and longevity, the proof of Enerpac's excellence. LX Series Oil Benefits The LX series oil is a shield against time and use, designed to: Prevent premature wear and keep your hydraulic systems running smooth Address the silent killer of aeration, which can cause overheating and wear. Keep system stable under high-performance applications Oil is formulated for the most challenging tasks with products like the TH LX. The LX series oil will rise to the challenge; every component will work like a well-oiled machine. This series isn't just about performing under pressure and winning. With a high viscosity index, the LX series oil is recommended for your Enerpac equipment to maintain and improve performance. It's loaded with special additives like anti-sludge and anti-rust, like the LX101 for hand pumps, which enhances heat transfer and overall performance. Overheating is the nemesis of hydraulic systems, causing seal damage and failure. But with the LX series oil, you have a guardian watching over the system temperature and keeping those threats at bay. Choosing the Right Oil Choosing the right hydraulic oil is like finding the perfect pair of gloves; it has to fit. The LX-series hydraulic oil is for hand pumps; it improves their performance and makes them run smoothly and reliably. HF Hydraulic Oil is for powered pumps. With its special design, LX Hydraulic Oil is the sweetheart of manual pumps; it improves tool performance and extends their life. When making the right choice, consider matching the recommended oil's viscosity to the original equipment manufacturer's (OEM) specs. Before you commit entirely, why not try it out in non-critical applications? It's like a first date with your hydraulic system: ensure it's compatible and performs before you plunge into full-scale implementation. Technical Specifications Detailed Product Data Enerpac hydraulic oil is engineered to meet the highest standards, ensuring your hydraulic systems operate at peak performance. Here are the detailed product specifications: Viscosity Index: 100 min API Gravity: 32 Viscosity at 212F: 43.7 SUS Viscosity at 104F: 151 SUS Viscosity Index: 95 Pour Point: -36.5F Flash Point: 375F Container Size: Available in 1-quart, 1-gallon, 5-gallon, and 55-gallon options Product Line: Industrial Tools, Workholding Tools, Bolting Tools Series: HF Model: HF101 These specifications highlight the oil's ability to perform under various conditions, ensuring your hydraulic systems remain efficient and reliable. Performance Metrics Enerpac hydraulic oil is not just about meeting standards; it's about exceeding them. Here are the key performance metrics that set it apart: Maximum Volumetric Efficiency: Ensures optimal performance and extends the service life of your hydraulic tools. Maximum Heat Transfer: Prevents overheating and potential damage to hydraulic systems, ensuring smooth operation. Anti-sludge, Anti-Rust, and Anti-Foam Additives: Protect against corrosion and sludge formation, keeping your hydraulic systems clean and efficient. Cavitation Prevention: Ensures smooth operation and prevents damage to hydraulic pumps, maintaining system integrity. These performance metrics demonstrate why Enerpac hydraulic oil is the preferred choice for maintaining the health and efficiency of your hydraulic systems. Applications and Industries Industry Use Cases Enerpac hydraulic oil is versatile and suitable for a wide range of applications across various industries. Here are some key use cases: Powered Hydraulic Pumps: Specifically recommended for powered hydraulic systems, ensuring maximum performance and longevity. Industrial Tools: Ideal for industrial tools, workholding tools, and bolting tools, providing reliable lubrication and protection. Hydraulic Systems: It is a perfect fit for various applications and is designed for hydraulic systems that demand high performance and extended service life. Manufacturing: Essential for manufacturing industries that require efficient and reliable hydraulic systems to maintain productivity and reduce downtime. Construction: Suitable for construction industries where high-performance hydraulic systems are crucial for heavy-duty operations and equipment reliability. By choosing Enerpac hydraulic oil, you ensure that your equipment operates at its best, regardless of the industry or application. This oil is specially formulated to meet the rigorous demands of modern hydraulic systems, providing the power and protection your equipment needs to perform flawlessly. Warranty: Enerpac Oil Only To keep your Enerpac warranty intact, follow this simple rule: use Enerpac oil only. It's a straightforward contract but one with big implications. Using unauthorized hydraulic oils may seem like a way to save, but it's a path fraught with danger: premature wear, reduced life, and possible voiding of your Enerpac warranty. Warranty Conditions The Enerpac warranty is a shield, but one with conditions. Using non-Enerpac hydraulic oils can result in many sins: premature wear, decreased efficiency, and shortened hydraulic system life. Each is a strike against your warranty and may render your Enerpac warranty invalid. The warranty draws a line in the sand and does not cover defects caused by unauthorized modifications, misuse, or incorrect use. Long Term Benefits Following Enerpac's guidelines and using its recommended products isn't just about avoiding warranty issues; it's about securing your tools for the long term. This is a story of many benefits, and the right decisions today mean your equipment will keep performing day in and day out with the same performance and efficiency as it did on its first job. Buy Enerpac Hydraulic Oil Understanding the benefits of Enerpac hydraulic oil and using it in your hydraulic system is seamless. In this digital age, buying Enerpac oil is just a few clicks away, and it is available in various quantities to suit your needs: from the 1-gallon jug to the 55-gallon drum (HF104). Easy Online Shopping The days of complicated ordering are over; Enerpac has made online shopping easy. An easy-to-use interface makes finding the correct hydraulic oil for your equipment simple. From the 1-quart size to the 55-gallon drums, all options are displayed clearly so you can make an informed decision without breaking a sweat. Click on the product you want to add to your cart and proceed to checkout. And to make it even sweeter, look for promotions that will give you 15% off your hydraulic oils, so maintenance is necessary and cost-effective. Availability and Shipping When time is of the essence, Enerpac delivers literally. The HF series hydraulic oil is in stock and ready to ship, so the wait for maintenance or a system refill is just a moment. Shipping from the USA Enerpac ensures that no matter where your equipment is located, the lifeblood it needs is just a journey away with delivery times to your location. Maintaining Your Hydraulic Systems with Enerpac Oil For your hydraulic tools to keep performing, it's essential to maintain them with Enerpac oil, a product designed to improve performance and life. But remember, with great power comes great responsibility: disposing of used Enerpac hydraulic oil must be done carefully according to local environmental regulations and not mixed with other fluids. Scheduled Checks and Replacement Maintenance is the foundation of hydraulic system life. Enerpac recommends the following maintenance tasks to keep your hydraulic system in top shape: Replace hydraulic oil after every 1,000 hours of use or according to manufacturer's specs to prevent wear. Regularly inspect for corrosion and pitting on the rod that can allow moisture to get into the hydraulic oil. Fix any issues before it's too late and the system is compromised. By doing these maintenance tasks, you can prolong the life of your hydraulic system and avoid costly repairs. But it's not just what's inside. The hydraulic lines need attention, too, to ensure they haven't blown up, which is a sign of pressure issues. Keeping breather caps, fill screens, and filters in good condition is like ensuring your system's lungs are clear for proper function. If you find seal damage, replace it immediately to avoid further issues and maintain system efficiency. Remember, keeping the hydraulic system temperature below 150F (65C) is key, as higher temperatures can damage seals and affect performance. Troubleshooting Troubleshooting is an art, and when your hydraulic system is the canvas, genuine Enerpac hydraulic oil is the brush. Inadequate oil can cause a domino effect of issues, including: Reduced performance Increased wear and tear Corrosion Sludge buildup These are just a few problems you'll face on a ship, especially when managing inventory. But why live with constant repairs? Enerpac hydraulic oil has a whole arsenal of additives, including: Anti-wear Anti-corrosion Anti-oxidation Anti-foam Each one is vital to the health of your system and preventing damage. Conclusion Enerpac hydraulic oils are the foundation of performance, reliability, and longevity in the hydraulic world. These oils protect, perform, and preserve your equipment, from the custom HF series for powered pumps to the rugged LX series for hand pumps. Follow Enerpac's guidelines; your warranty will be valid, and your equipment will run at its best. With online ordering and maintenance made easy, the choice is clear: Enerpac hydraulic oil is the lifeblood your hydraulic systems need. FAQs Why use genuine Enerpac hydraulic oil? Using genuine Enerpac hydraulic oil will prevent damage, optimize performance, and maintain your Enerpac warranty. Using other oils will malfunction. Can I use HF series oil in hand pumps? No, the HF series oil is not for hand pumps. It's for powered hydraulic pumps. Use LX series oil for hand pumps instead. What are the advantages of LX series oil? LX series oil prevents premature wear, ensures smooth operation, provides proper temperature management, and ensures consistent performance across all temperatures. How often should I change my hydraulic oil? To prevent hydraulic system degradation and wear, change your hydraulic oil every 1,000 hours or as the manufacturer recommends. Where can I buy Enerpac hydraulic oil? You can buy Enerpac hydraulic oil online with immediate shipping and promotions.

What oil for enerpac pump. Enerpac pump oil type. Enerpac hydraulic cylinder. Enerpac olja. Enerpac hydraulic oil near me. Enerpac hydraulic fluid.

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