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PM5000

LEAK-FREE

Anti-Leak Hydraulic Oil Grades 32, 46, 68, 100,150

PRODUCT DESCRIPTION

PM5000 Leak-Free is manufactured to give maximum fluid life and protection for heavy-duty operations. PM5000 Leak-Free keeps emulsion from occurring between water and oil. PM5000 Leak-Free has exceptional oxidation inhibitors and thermal stability, allowing service intervals up to 5000 hours. Operating temperatures may be reduced by the film forming properties of PM5000 Leak-Free. Rubber seals and hoses are kept soft and pliable, allowing their normal operation. Varnish and carbon are greatly reduced and in many cases this eliminates leaking or blowby. PM5000 Leak-Free is available in several ISO grades such as 32, 46, 68, 100, and 150.

RELATED PRODUCTS

939 GX® Hydraulic Oil R & O
 940 GX® Hydraulic Oil Anti-Wear
 941 GX® Hydraulic Oil EP Premium Anti-Wear
 1040 Synthetic Biodegradable Hydraulic Oil
 PM5000R Leak-Free Anti-Leak Hydraulic Oil (Red)

BENEFITS

- Protects against pump galling and wear
- Contains additives to prevent foaming
- Exceptional stability
- Film forming properties
- Oxidation inhibitors
- Keeps emulsion from occurring between water and oil
- Available in several ISO grades

APPLICATION

PM5000 Leak-Free meets or exceeds requirements for most hydraulic systems. For industrial and commercial uses, from light to heavy-duty service.

TYPICAL OBSERVATIONS

	PM5000/32	PM5000/46	PM5000/68	PM5000/100	PM5000/150
Color	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow
Appearance	Liquid	Liquid	Liquid	Liquid	Liquid
Odor	Mild Hydrocarbon	Mild Hydrocarbon	Mild Hydrocarbon	Mild Hydrocarbon	Mild Hydrocarbon
Density, lb/gal @ 77°F (25°C)	7.26	7.26	7.26	7.34	7.34
Specific Gravity, @ 77°F (25°C)	0.87	0.87	0.87	0.88	0.88
Boiling Point, ASTM D-2887	>500°F (260°C)	>500°F (260°C)	>500°F (260°C)	>500°F (260°C)	>500°F (260°C)
Gravity, @ 60°F (15°C)	26	26	25	28	26
Viscosity, ASTM D-445 cSt @ 40°C	32	46	68	100	150
Viscosity Index	101	101	101	101	101
Flash Point, ASTM D-92	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)
Fire Point, ASTM D-92	450°F (232°C)	495°F (257°C)	515°F (268°C)	525°F (273°C)	554°F (284°C)
Pour Point, ASTM D-92	0°F (-17°C)	0°F (-17°C)	0°F (-17°C)	0°F (-17°C)	0°F (-17°C)
Filterability	3M1/Cm2	3M1/Cm2	3M1/Cm2	3M1/Cm2	3M1/Cm2
Anti-foam List, ASTM D-892	10/0	10/0	10/0	10/0	10/0
1 st Sequence	0/0	0/0	0/0	0/0	0/0
2 nd Sequence					
Oxidation Protection, ASTM D-943 Hours to 2.0 TAN (Total Acid Number)	3200	3200	3200	3200	3200
Copper Corrosion, ASTM D-130	1a	1a	1a	1a	1a
Steel Corrosion, ASTM D-665 A&B	Pass	Pass	Pass	Pass	Pass
Shelf Life (unopened container)	Two years	Two years	Two years	Two years	Two years

- GEAR OILS
- MOTOR OILS
- HYDRAULIC OILS
- PIPE COATINGS
- THREAD SEALANTS
- BEARING GREASES
- SPECIALTY GREASES
- THREAD COMPOUNDS
- SUCKER ROD COATINGS
- OUTSIDE PRESERVATIVES
- WIRELINE GREASE SEALS
- CLEANERS & DEGREASERS
- PIPE STORAGE COMPOUNDS
- RUST & CORROSION INHIBITORS
- THREAD LOCKING COMPOUNDS
- VALVE LUBRICANTS & SEALANTS
- TOOL JOINT & DRILL COLLAR COMPOUNDS



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Manufactured by

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The product information and specifications listed in this publication are constantly being updated to keep up with government regulations and technology changes. Please visit our web site, www.oilcenter.com, or contact your Account Representative for the most current information relating to this product.