

Vactra Named and Double Lettered Series

Circulating Oils

Product Description

Mobil Vactra Named and Double Lettered Series Oils are high performance general purpose lubricants intended for non-critical industrial applications where lubricant is supplied intermittently such as in all-loss systems, or where contamination and leakage are unavoidable. In such service, they offer an economic advantage over premium quality lubricants for plain and rolling element bearings in both reservoir and all loss systems, in gear applications and in hydraulic systems that do not require high quality anti-wear products.

Oils are formulated from high quality base stocks and additives, which provide resistance to oxidation and thermal degradation, and protection against rust and corrosion. Mobil Vactra Named and Double Lettered Series are the oils of choice for many operators world-wide requiring economical lubricants, which can meet a wide range of industrial applications.

Features and Benefits

Mobil Vactra Named and Double Lettered and Double Lettered Oils offer a variety of benefits that can contribute to lower operating and maintenance costs. They offer the following benefits:

Features	Advantages and Potential Benefits
Very good thermal/oxidative and chemical stability	Helps reduce deposits and filter fouling
Excellent rust and corrosion protection	Clean system and long filter life and reduced maintenance
Good resistance to foaming	Avoids pump cavitation and increases circulation efficiency
Wide range of application	Reduced inventory; reduced risk of mis-application

Applications

The Mobil Vactra Named and Double Lettered and Double Lettered Oils are general-purpose lubricants recommended for non-critical industrial applications where lubricant is applied intermittently such as in all loss systems, or where contamination and leakage are unavoidable. They provide excellent lubrication of plain and antifriction bearings. They are also recommended for moderate duty circulation and hydraulic systems where high leakage rates necessitate frequent makeup. The products should not be used where the bulk oil temperatures exceed 66°C. Specific application areas include:

- Moderate duty industrial gear applications.
- Circulating systems not requiring anti-wear protection
- Low to moderate severity paper machine applications.
- Non-critical machine tool applications, many air compressor applications and other plain- and antifriction-bearing applications.



Typical Properties

Vactra Named and Double Letter	Light	Medium	Heavy	Medium Heavy	Extra Heavy	BB	AA	HH
ISO Viscosity Grade	32	46	68	100	150	220	320	460
Viscosity, ASTM D 445								
cSt @ 40°C	32.0	46.0	68.0	100	150	220	320	460
cSt @ 100°C	5.0	6.7	8.7	11.1	14.8	18.8	23.9	30.1
Viscosity Index, ASTM D 2270	97	97	98	98	96	95	95	95
Pour Point, °C, ASTM D 97	-27	-24	-15	-15	-9	-6	-9	-6
Flash Point, °C, ASTM D 92	212	242	266	246	280	288	286	296
Density @15 °C kg/l, ASTM D 4052	0.87	0.88	0.88	0.89	0.89	0.89	0.90	0.90
Rust protection, ASTM D665:								
Distilled Water	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
Water separability, ASTM D 1401, Min. to 3 ml emulsion @ 54°C	5	10	15	25	--	--	--	--
Water separability, ASTM D 1401, Min. to 3 ml emulsion @ 82°C	--	--	--	--	15	20	25	30
Foam Test, ASTM D 892, Seq I Tendency / Stability, ml/ml	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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