Mobil

Vactra Named and Double Lettered Series

Mobil Industrial , Republic of Madagascar

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.

Properties and Specifications

Property	LIGHT	MEDIUM	HEAVY-MEDIUM	EXTRA HEAVY	BB
Grade	ISO 32	ISO 46	ISO 68	ISO 150	ISO 220

Property	LIGHT	MEDIUM	HEAVY-MEDIUM	EXTRA HEAVY	BB
Density @ 15 C, kg/l, ASTM D4052	0.87	0.88	0.88	0.89	0.89
Emulsion, Time to 40/37/3, 54 C, min, ASTM D1401	5	10	15		
Emulsion, Time to 40/37/3, 82 C, min, ASTM D1401				15	20
Flash Point, Cleveland Open Cup, °C, ASTM D92	212	242	266	280	288
Foam, Sequence I, Stability, ml, ASTM D892	0		0	0	0
Foam, Sequence I, Tendency, ml, ASTM D892	0	0	0	0	0
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	5	6.7	8.7	14.8	18.8
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	32	46	68	150	220
Pour Point, °C, ASTM D97	-27	-24	-15	-9	-6
Rust Characteristics, Procedure A, ASTM D665	PASS	PASS	PASS	PASS	PASS
Viscosity Index, ASTM D2270	97	97	98	96	95

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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