

EMIRATES 1 BAR & CHAIN OILS

(High Performance Lubricants)

DESCRIPTION

EMIRATES 1 BAR & CHAIN OILS are premium formulas that meet the requirements of the most demanding applications. These fluids provide excellent operating and maintenance benefits for increased productivity and efficiency. **EMIRATES 1 BAR & CHAIN OILS** are designed and recommended for use for all types of chain saws operating with manual or automatic chain oiling systems. This includes (but is not limited to) hand held chain saws, mounted processors, and harvesting heads on heavy duty commercial logging equipment.

APPLICATIONS

EMIRATES 1 BAR & CHAIN OILS are also suitable for use in commercial and industrial applications where tacky, non-drip oils are desired such as open gears, open bearings, and exposed chain drives in mills, forestry, and mining operations.

ISO 90 – winter: Designed for winter use and is the recommended choice where low ambient temperatures are experienced. Cold flow improvers ensure reliable oil flow via manual or automatic oiling systems in extremely challenging conditions while maintaining the necessary tack to adhere to the bar and chain maximizing lubrication protection. Recommended operating range is from -45°C to 0°C.

ISO 150 – All Season: the premium formula that started the Klondike revolution. Flexible in application across a wide temperature range, All Season delivers performance, protection and value to discerning logging contractors. Excellent tack maximizes wear protection and promotes fast and efficient cutting performance. Recommended operating range is from -15°C to 30°C.

ISO 220 – summer: extra heavy formula custom designed for and preferred by commercial forestry organizations. Heavy weight formula offers outstanding tack, film retention, and anti-wear protection under extreme, high heat operating conditions. Ensures the extra level of protection needed to maximize the performance and efficiency of professional saws. Recommended operating range is from 10°C to 45°C.

Properties

EMIRATES 1 Zinc Free Hydraulic Fluids are manufactured with paraffinic base oils and high performance additives. They ensure reliable and consistent cutting performance in high performance hand-held and mechanized saws operating in all climates and cutting all types of wood. These bar and chain oils are designed to operate over a broad temperature range, resulting in lower maintenance cost and equipment down time. EMIRATES 1 Bar and Chain Oils utilize advanced anti-wear additive technology and tackiness agents to maximize bar and chain protection while allowing possible decreases in oil consumption when cutting conditions are less demanding.

Product Benefits

- High viscosity index
- Professional formula
- Optimal oil service life
- Superior thermal stability
- Smooth operation.
- Maximum equipment life

TYPICAL TECHNICAL PROPERTIES

ISO Viscosity Grade	90	150	220
Appearance, Visual	B&C	B&C	B&C
Density at 15 ⁰ C, g/ml, ASTM D4052	0.865	0.870	0.875
Kinematic Viscosity at 40 ⁰ C, mm ² /s, ASTM D445	90	150	220
Flash Point(COC), °C, ASTM D92	220	230	250
Pour Point, °C, ASTM D97	-36	-18	-9

*C & B: Clear & Bright

Note: The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional queries, please contact Emirates 1 Technical Service Department.

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). Safety Data Sheets available on request.

Available in: Cartons: 12x 1 L, 24x1 L, 4x5L 6 x 4 L, 6 x 5 L, Pails: 20 L & 25 L, Drums: 200 L, 208 L.