

Red Climbing Oil

Red Climbing Oil has enhanced adhesion strength synthetic and paraffinic base oils. Overload, pressure and vibration when operating in conditions of thin oil film works. Closed system gear oil that meets the specific semi synthetic gear oil.

Usage

It all gearboxes used in all types of industrial systems in the transmission and differential. It works in iron and steel industry, aluminum, metal and metal processing plants, cement, paper, printing, paint industry, cranes and conveyor systems, ships and boats, automotive and industrial gearbox and differential, chemical plants, packaging, glass industry, energy facilities, equipment, construction and work machinery, wood products and wood processing facilities, elevator industry in all industrial facilities and industrial businesses.

Features

Superior Film Layer and Adhesion, Excellent Protection, and Superior Pressure Resistance: It adheres perfectly to the gears and gear systems in its application, preventing them from becoming dry and saturated with oil, and leaves a very good film layer, thus preventing material wear caused by friction. It also ensures the immediate lubrication of all gears not in contact with oil during the initial operation of the systems, preventing gear damage. This is one of the biggest problems in working gear systems, and because it is not visible from the outside, it goes unnoticed. After this damage, the worn parts on the gears, due to the effect of friction, also wear down other parts.

Superior Heat and Foam Stability: Red Climbing Oil maintains stable viscosity and reduces foaming even at high speeds and temperatures, thus preventing internal pressure build-up. It has been observed to prevent oil leakage from seals and gaskets, and there are no evaporation losses. Due to these properties, it prevents the formation of sludge and deposits. It also has high shear resistance.

Excellent Resistance to Rust Corrosion and Oxidation: Red Climbing Oil does not lose its properties in environments containing water and moisture. Because it does not mix with water and has water-repellent properties, it continues to lubricate gears and gear systems in such environments, thus protecting transmissions, differentials, gearboxes, and gear systems against oxidation, corrosion, and rust.

Quiet Operation, High Resistance to Vibration and Wear: Red Climbing Oil reduces friction, increases sliding, and ensures quieter operation of gears by filling pre-existing pits and voids with its excellent adhesion and homogeneous film-forming properties. It prevents noise pollution in workplaces. It prevents material wear that may be caused by vibration. It ensures smooth and quiet operation of gears, even at low temperatures during their initial operation.

High Energy Savings: Red Climbing Oil prevents fuel, energy, maintenance, and labor losses caused by friction, reducing costs for businesses.

Suitable for use at all atmospheric temperatures: It maintains its properties unaffected by hot and cold environmental conditions, does not leave heavy carbon deposits in systems, and does not cause varnishing or gumming in the oil.

Technical Specifications

Product Type	-	ES 220
*Kinematic Viscosity @40˚C, cSt	ASTM D 445	237,7
*Flash Point, ˚C	ASTM D 92	260
Colour	Visual	Red

**Data given above are typical properties and may vary slightly.*

Performance

It can be of various types as needed.
RED CLIMBING OIL SAE 90, SAE 140, 80W/90, 85W140, SAE 75W90, SAE 75W140

Revision Number

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