

Total Loss System Oil (LS5)



Product Description

Podlee total loss system oil is formulated using deeply refined mineral base oils and a carefully selected blend of additives, including rust inhibitors, anti-aging agents, anti-foaming agents, antioxidants, and anti-wear agents. Through scientific formulation, this oil is optimized for use in total loss lubrication systems where no specific or specialized lubrication requirements exist.

Application

It is suitable for a wide range of machinery, including textile machinery, machine tools, hydraulic presses, small pneumatic equipment, sewing machines, small electric motors, general instruments, woodworking machinery, hoisting equipment, paper-making machinery, and mining machinery. Additionally, it is ideal for general lubrication systems in light-duty mechanical applications operating below 140°F (60°C), such as gearboxes and manually lubricated rotating components.

Advantages

Excellent Anti-Wear Performance: Provides superior protection to mechanical systems, minimizing friction and component wear.

Outstanding Oxidative Stability and Anti-Foaming Properties: Ensures long-term oil integrity and prevents foam formation under high-speed or turbulent conditions.

Superior Shear Stability: Maintains effective lubrication and film strength at elevated temperatures.

High Viscosity Index: Guarantees consistent lubrication performance across a wide temperature range.

Exceptional Rust Prevention, Corrosion Resistance, and Anti-Wear Repair: Extends the service life of moving mechanical parts by protecting against environmental and operational degradation.

Typical Characteristics

Item	Test Data					Standard
Viscosity (mm ² /s@104 F /40 °C)	32	46	68	100	150	ASTM D445
Viscosity Index	98	101	106	106	110	ASTM D2270
Flash Point - Open Cup Method, (°F/°C)	419/215	428/220	446/230	455/235	460/238	ASTM D92
Pour Point (°F/°C)	5/-15	8/-13	10/-12	10/-12	14/-10	ASTM D97
Water (%)	None	None	None	None	None	ASTM D95
Mechanical Impurities	None	None	None	None	None	ASTM D665
Copper Corrosion	1b	1b	1b	1b	1b	ASTM D130

Package

18 L/Barrel

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