



TECHNICAL DATA SHEET

RENEW™ WIRE ROPE OIL

Each time a wire rope bends or flexes, the strands rub together. In addition, the outer strands rub against the sheaves. Renew™ Wire Rope Oil protects the strands and sheaves from friction and wear. This increases wire rope life while decreasing downtime for changeouts. The final result is more production and less cost.

Renew™ Wire Rope Oil is specially formulated to penetrate to the core of the rope. Thus, it lubricates inner rope strands, leaving a nondrying, nontacky film on the rope exterior.

Renew™ Wire Rope Oil contains highly efficient extreme pressure additives to provide maximum load carrying ability. It also provides excellent corrosion protection.

BENEFITS:

- PROLONGS WIRE ROPE LIFE - readily penetrates to the core and lubricates internal strands.
- NONTACKY - eliminates dirt pick up and lubricant sling off.
- EXTREME LOAD-CARRYING ABILITY - extends wire rope life and minimizes downtime.

APPLICATIONS:

Whitmore's Renew™ can be used to lubricate all sizes of wire rope as well as chains, leaf springs and other applications where a penetrating oil is needed.

Renew™ can be applied automatically or manually as required. Best results will be obtained if it is applied while the rope passes over a sheave.

ASTM #		TYPICAL CHARACTERISTICS	
		20	30
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	42.7	60.8
		6.7	9.2
D-2161	Saybolt Viscosity SUS @ 100°F SUS @ 210°F	218	303
		49	57
D-2270	Viscosity Index	111	132
D-97	Pour Point, °F (°C)	-25 (-32)	-15 (-26)
Gardner Method	Density, lb/gal @ 60°F (15.5°C) Specific Gravity, g/cc @ 60°F (15.5°C)	7.54	7.52
		0.905	0.903
D-92	Flash Point, °F (°C) Cleveland Open Cup	335 (168)	335 (168)
D-92	Fire Point, °f (°C) Cleveland Open Cup	350 (177)	350 (177)
D-2782	Timken OK Load, lb	40	40
D-2783	Four Ball EP Weld Point, kg	250	250
D-4172	Four Ball Wear Scar Wear, mm @ 40 kgf	0.53	0.58
D-665	Rust Test Distilled Water Synthetic Sea Water	Pass	Pass
		Pass	Pass
D-130	Copper Strip Corrosion 212°F (100°C) @ 3 hr	1B	1B

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Shuttle Tanks	Drums	Pails
---------------	-------	-------

THE WHITMORE MANUFACTURING COMPANY

930 Whitmore Drive • P.O. Box 9300 • Rockwall, Texas 75087 • USA • (972) 771-1000 • Fax: (972) 722-2108

An ISO 9001, ISO/TS 16949, and ISO 14001 Registered Company • <http://www.whitmores.com>

Performance Under Pressure Since 1893

LIMITED WARRANTY: The Whitmore Manufacturing Company makes the Limited Express Warranty that at the date of delivery, its goods shall be free from defects in Whitmore's materials and workmanship and shall meet the express written statements of quality, if any, made by Whitmore in connection with the sale of the goods. Other than such Limited Express Warranty, there are no express warranties made with respect to the sale of goods and all implied warranties existing under the law are expressly disclaimed and negated, particularly, Whitmore NEGATES AND DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. All other liability, either in contract or tort, including without limitation, strict liability found in Section 402A of the Restatement of Torts or otherwise, is negated and disclaimed. The sole remedy for Whitmore's breach of such Limited Express Warranty shall be a refund of the purchase price of its goods, and Whitmore shall have no responsibility for incidental or consequential damages sustained as a result of the use of the goods, whether sustained to the goods themselves or to other property. Data listed are subject to usual manufacturing variations.