

CHEMLUBE® 812 SERIES

WIRE ROPE LUBRICANTS

APPLICATIONS:

Chemlube® 812 Wire Rope lubricants are specially formulated, full-synthetic fluids enhanced with the latest in additive technology. These fluids have an inherent ability to wet out metal surfaces and also offer outstanding penetration ability to assure long-term performance. The Chemlube 812 series meets the demanding requirements of the mine, marine, metallurgical and construction industries offering supreme protection and performance. Consistent application practices will greatly extend wire rope life supported by fluid performance.

TYPICAL INDUSTRIAL APPLICATIONS:

- Marine and Offshore Wire Ropes
- Mining Wire Ropes
- Logging Wire Ropes
- Cranes & Hoists

PERFORMANCE BENEFITS:

- Totally wets, penetrates, and covers the metal surfaces
- Readily repels salt and water from the metal surfaces
- No deposits, making it easy to inspect the rope
- Wide operating range -15°C to 50°C
- Hard particles do not adhere to rope
- Superior corrosion protection
- Excellent oxidation protection
- Strong adhesive film
- High flash point

TYPICAL PROPERTIES	TEST METHOD	Chemlube 812-68	Chemlube 812-150	Chemlube 812-460
ISO Grade	ASTM D2422	68	150	460
Viscosity @ 40°C,cSt	ASTM D445	72.5	159	486
Viscosity @ 100°C,cSt	ASTM D445	9.2	16.2	33.6
Viscosity Index	ASTM D2270	100	105	102
Flash Point, °C/°F	ASTM D92	224/435	227/440	233/450
Pour Point, °C/°F	ASTM D97	-42/-44	-36/-33	-21/-6
Rust Prevention	ASTM D665	Pass	Pass	Pass
Timken EP	ASTM D2782	---	55	---
Load Wear Index	ASTM D2783	---	53.13	56.5
Last Non-Seizure Load,kg (scar. mm)	---	---	63	63 (0.36)
Last Seizure Load, kg (scar, mm)	---	---	---	315 (1.92)
Weld Load, kg	---	---	400	400
Four-ball Wear @ 1200r/min, 392N, 60 Min, 75C	ASTM D4172	---	0.36	---
Specific Gravity	ASTM D1298	0.88	0.89	0.93