

TS-210 SEASAFE™ LEG DOPE & CABLE LUBE

Open Gear & Cable Lubricant · Jack-Up Legs, Wire Ropes, Offshore Equipment · Supplied by PSC Group

T.S. MOLY LUBRICANTS · U.S.A.**SKU: 10-210-205A**

NLGI 2.5 · No solvent carrier

35 lb pail · EPA-tested fluid



PRODUCT OVERVIEW

TS-210 SeaSafe™ is a high-performance open gear and cable lubricant from T.S. Moly Lubricants, Inc. (Houston, TX), designed for environmentally sensitive offshore areas. Used on jack-up rig legs, open gears, wire ropes, and marine-exposed equipment, it provides extreme pressure and anti-wear protection with **0.0% water spray-off** and a 4-Ball EP Weld Load of 400 kg. Contains no solvent carrier. Passed both modified U.S. EPA performance standards for offshore oil and gas fluids. Supplied by **PSC Group** in India, Dubai, and Houston.

0.0%Water Spray-Off
ASTM D4049**400 kg**EP Weld Load
ASTM D2596**2.5**NLGI Grade
NO SOLVENT CARRIER

KEY FEATURES & BENEFITS

0.0% Water Spray-Off

Completely waterproof — stays in place on open gears, cables, and offshore equipment exposed to water, waves, and saltwater spray.

400 kg EP Weld Load

Outstanding extreme pressure performance for heavily loaded jack-up leg sliding surfaces and open gear contact areas.

No Solvent Carrier

Solvent-free formulation eliminates dry-out, film loss, and solvent evaporation concerns in continuous or intermittent service.

Cable Penetration

Works into cable structure during Powerlube wire rope lubricator application. New cable injected with TS-210 is unlikely to need re-lubrication.

EPA-Tested Fluid

Passed modified U.S. EPA Shrimp Test and Static Sheen Test — suitable for environmentally sensitive offshore areas in U.S. waters.

No Sling-Off on Gears

Will not wash off, blow off, run off, dry out, or melt away. Will not sling off from higher-speed gear applications.

OFFSHORE USE CASES

EQUIPMENT / AREA	WHY TS-210 IS USED
Jack-up rig legs	Heavy-duty leg dope — high adhesion, EP protection on loaded sliding surfaces
Open gears	Extreme pressure and anti-wear protection, no sling-off at speed
Wire ropes & cables	Penetrates cable structure, long-lasting protection from saltwater and corrosion
Marine-exposed gear systems	0.0% water spray-off — stays in place despite wave and spray exposure
Sensitive offshore areas	EPA-tested fluid — meets modified U.S. EPA environmental performance standards

! DANGER – SAFETY SUMMARY

Causes skin irritation. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long-lasting effects. Obtain special instructions before use. Wear protective gloves, eye/face protection. Do not breathe dust or mist. After handling, wash skin thoroughly. Avoid release to the environment. Flash point +340°F (COC). Full SDS available from T.S. Moly Lubricants or PSC Group upon request.

TECHNICAL SPECIFICATIONS

NLGI Grade	2.5
Penetration (ASTM D217, 60 str.)	250-265
4-Ball EP Weld Load (D2596)	400 kg
Water Spray Off (ASTM D4049)	0.0%
Pour Point of Fluid	-12°C
Flash Point, Fluid (COC)	+340°F
Solvent Carrier	None
Pack Size	35 lb pail
Country of Origin	Made in U.S.A.

SUPPLIED BY PSC GROUP

PSC PROJECT
SALES CORP

India · Dubai · Houston

pscrigconsumables.com

EXTENDED PROPERTIES, SAFETY & PSC GROUP OFFICES

1 COMPLETE TECHNICAL SPECIFICATIONS

PARAMETER	TEST METHOD	VALUE
Product Type	—	Open Gear & Cable Lubricant
NLGI Grade	ASTM D217	2.5
Penetration, 60 strokes @ 25°C	ASTM D217	250–265
4-Ball EP Weld Load	ASTM D2596	400 kg
Water Spray Off	ASTM D4049	0.0%
Pour Point of Fluid	—	-12°C
Flash Point, Fluid (COC)	COC	+340°F (+171°C)
Solvent Carrier	—	None
Biodegradability	—	Not biodegradable
EPA Shrimp Test	Modified U.S. EPA	Pass
EPA Static Sheen Test	Modified U.S. EPA	Pass
Pack Size	—	35 lb pail
Country of Origin	—	Made in U.S.A.

3 HANDLING, STORAGE & SAFETY

GHS Classification (from pail label): Causes skin irritation. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long-lasting effects.

PREVENTION:	Obtain special instructions before use. Wear protective gloves, eye/face protection. Do not breathe dust or mist. Do not handle until all safety precautions read and understood.
RESPONSE:	IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice. IF IN EYES: Rinse cautiously with water. Get medical attention if irritation persists.
ENVIRONMENT:	Avoid release to the environment. Product is not biodegradable. Dispose of in accordance with national regulations.
STORAGE:	Store in the original container. Dispose of container in accordance with local and national regulations.
FLASH POINT:	+340°F (+171°C) COC. Keep away from extreme heat and open flame.
SDS:	Full SDS available from T.S. Moly Lubricants, Inc. (www.tsmoly.com) or from PSC Group upon request.

4 PSC GROUP - GLOBAL OFFICES

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2 PERFORMANCE CHARACTERISTICS

- Completely Waterproof:** 0.0% water spray-off rating – will not wash off, run off, blow off, dry out, or melt away from marine-exposed surfaces.
- High EP Performance:** 400 kg 4-Ball EP weld load provides exceptional protection for jack-up leg sliding surfaces and heavily loaded open gear contact areas.
- Strong Metal Adhesion:** Highly effective adhesion to metal surfaces helps TS-210 stay on gears, cables, and exposed components in vibrating and dynamic applications.
- Solvent-Free:** No solvent carrier – eliminates dry-out, flash, film loss, and solvent migration issues in continuous or intermittent service.
- Cable Penetration:** Works into cable structure when applied through a Powerlube wire rope lubricator – long-lasting internal and external cable protection.
- No Sling-Off:** Suitable for higher-speed gear applications – will not sling off under centrifugal force during gear rotation.
- Environmental Performance:** Environmentally and hygienically safe for offshore use. Passed both modified U.S. EPA tests for offshore oil and gas extraction fluids in U.S. waters. (Note: not biodegradable.)