



# Save **TIME & MONEY** with LanoPro Leak Stop

Leakages in propeller shafts, thrusters or hydraulic, engine and gear systems?

- Easy to use and Quick
- Cost effective
- Life span of equipment substantially increased
- Avoids unforeseen & untimely repair costs
- Reduces noise from servo pumps
- Excludes use of chlorine & harmful solvents contribution to corrosion & harms the environment

## Who we are

LanoPro is an independent company focusing on developing and offering high performance lubricants and specialty lubricants that are environmentally friendly. Since our inception in 2006 we have been investing and focusing on developing high-performance specialty lubricants in response to the increasing demand for environmentally friendly / bio-degradable lubricants.



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## Save TIME & MONEY with LanoPro Leak Stop

LanoPro are proud to launch a new product to help shipowners, Ports & Terminals and the offshore industry to reduce their repair and maintenance costs and stem pollution from leaking seals.

Seals such as O-rings and most types of gaskets harden with time, consequently, shaft deterioration and leakages will occur.

### LEAK STOP HAS TWO MAIN BENEFITS

1) **Maintenance;** Add 1% LanoPro Leak Stop with the total oil volume as an additive for gears, thrusters, propeller shafts, transmissions and engines to prevent and stop leaks and sweating from gaskets. Gaskets cure and harden over time which results in oil / liquid leakages. The product has a positive effect whilst also adding lubrication and reducing friction.

### CASE STUDY

A tanker vessel with a thruster experiencing an oil leakage. The vessel was not due to dock for another two years. To take the vessel out of service, would create huge costs to the owner, especially as the vessel was on a fixed charter. The leakage was causing pollution to the sea – which would have been very ecologically devastating leading to large fines & reputational damage.

On inspecting the replaced damaged gaskets it could be seen they had hardened, causing minute harmful cracks to develop on their surfaces.

LanoPro Leak Stop prevents this from happening. The use of conventional mineral oils are the main cause of these problems, as they extract substances from the gaskets which results in their hardening and cracking.

2) **Damage Control;** Add 3% LanoPro Leak Stop into the total oil volume to stop uncontrolled leakage for gears, thrusters, propeller shafts, transmissions and engines. If the seals are not physically broken the leakage will stop. This is important to submerged equipment such as propeller shafts or thrusters to stop pollution and to save huge emergency repair costs.

If they had stopped the vessel for repairs to the thruster, the off-hire and repair cost would have been prohibitively expensive and have taken some two to three weeks off-hire. Instead of doing this; they used the LanoPro Leak Stop to solve their problem with minimal costs.

LanoPro Leak Stop is suitable for mineral oils, synthetic oils and biodegradable esters.

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## Description

LanoPro Leak Stop is a premium additive for gears, transmissions and engines to prevent and to stop sweating with resulting leakage from gaskets.

Gaskets will over time harden resulting in oil/liquid leakages. The product is quick to act.

LanoPro Leak Stop also add lubricity and reduces friction on high loads.

LanoPro Leak Stop is suitable for mineral oils, synthetic oils and biodegradable esters.

**NOTE: LanoPro Leak Stop is not suitable for use in vegetable type oils.**

## Application

Add LanoPro Leak Stop letting the engine idle or you can use the equipment immediately to ensure an adequate mixing.

Add 1% of the total oil quantity as a preventive maintenance on every oil change or add yearly.

Add 3% of the total oil quantity to stop leakages.

If still leakages still occur after a period of operation, the seals are most likely physically damaged, beyond repair and must be replaced.

TECHNICAL SPECIFICATIONS	
Pour point	-24°C
Viscosity at 20°C cSt	76
Flash Point	>198°C
VOC	0 g/L

ARTICLE NO. / HANDLING	
L201370	5L
Storage: 0-40°C	
Not exposed for direct sunlight.	



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