Yunic 700LS

Lubricity improvement for Low Sulfur Gas Oil and Marine Diesel Oil.
（Prevention for wear and conglutination of FO pump.）

Low sulfur Marine Diesel Oil (MDO) and Gas oil (LSGO) could cause wear and conglutinate of FO pump because of low lubricity. **Yunic 700LS** is the fuel oil additive to prevent the above problem.

In general, the lubricity of the fuel oil is evaluated by the HFRR (High Frequency Reciprocating Rig) test method. The smaller wear shows better lubricity. And the engine builders (manufacturers) recommends to use the fuel oil with wear scar smaller than 460μm. However in fact, the lower lubricative fuel oil than the engine builder (manufacturers)'s recommendation is supplied to the vessel and caused the troubles of fuel injection pump.

CHARACTERISTICS

- Appearance : Clear light yellow liquid
- Kinematic Viscosity : approx.5 mm^2/s (cSt, @50℃)
- Density : 0.85 g/cm3 (@15℃)
- Flash Point : 66 ℃ （Tag Closed Cup test）
- Principal Ingredient : Fatty acids, Petroleum solvents

ADVANTAGES

By the addition of **Yunic 700LS** to MDO and LSGO, the lubricity of fuel oil is improved, and the wear and conglutination in pump is prevented.

※In HFRR test that is one no index of lubricity, adding **Yunic 700LS** to low lubricative fuel oil being 600μm of wear scar by HFRR test make it good lubricative fuel oil being 460μm or under that is the engine builder's recommendation.

DIRECTION FOR USE

①**Yunic700LS** is added into MDO or LSGO with reference to the sulfur content or kinematic viscosity.

- When the kinematic viscosity is less than 4 mm^2/s(@40℃),
  dosing rate of Yunic 700LS is 1/5000 (standard dosing ratio).
- When the sulfur content is less than 0.2 %(m/m),
  dosing rate of Yunic 700LS is 1/5000 (standard dosing ratio).

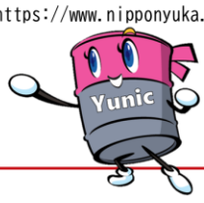
If the sulfur content is less than 0.1%(m/m),
recommended dosing rate of Yunic 700LS is 1/2500.

②**Yunic 700LS** has good compatibility with gas oil and marine diesel oil, furthermore pouring Yunic 700LS into the empty tank helps good mixture of Yunic 700LS and fuel oil.

(Please read the next page.)

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CAUTION FOR USE

- As this product is flammable, keep from open flames .
- Wear respirator, goggles and resistant rubber gloves.
- It is harmful if swallowed. Don’t put it into a mouth.
- If splashed into eyes, flash with plenty clean water.
- In case of skin contact, wash with soap and fresh water and apply skin cream.
- If inhaled vapor, move to fresh air area and warm body.

※ Ask medical attention according to the condition.

CONTAINER

	Wight,kg	Size, (WxDxH,cm)
●200 litter drum	190.3	ϕ 58.5x89
●18 litter can	16.4	23.8x23.8x35



