SHERAN CHEMICALS



Fuel Oil Treatment.

SHERFUEL LUBRICITY IMPROVER

ADVANCED DIESEL LUBRICITY ENHANCER & FUEL SYSTEM WEAR PROTECTION ADDITIVE PRODUCT DESCRIPTION & APPLICATIONS

DESCRIPTION & APPLICATIONS:

A high-performance, non-metallic and phosphorus-free fuel additive specifically formulated to restore and enhance lubricity in low-sulfur diesel fuels and other middle distillate fuels that exhibit poor natural lubricity characteristics. The product has been developed to meet demanding industry lubricity requirements while providing effective protection for critical fuel system components. By improving the lubricating properties of low-sulfur fuels, SHERFUEL LUBRICITY IMPROVER helps protect fuel injection equipment from excessive wear, extends component service life, and supports reliable engine operation. The product offers excellent solubility, maintains fuel quality characteristics, and provides effective performance across a wide range of diesel fuel applications.

FEATURES & BENEFITS:

- Improves lubricity in all types of low-sulphur diesel fuels and middle distillates.
- Helps protect fuel injection equipment against aggressive wear.
- Does not adversely affect fuel combustibility or combustion performance.
- Can be used as a standalone additive or as part of a complete fuel treatment package.
- Meets HFRR lubricity performance requirements and specifications.
- Effective within typical treatment ranges of 50-150 ppm.
- Does not negatively affect filterability characteristics of treated fuels.
- Provides excellent protection for fuel injectors in both engines and boiler systems.
- Helps reduce maintenance costs through improved equipment protection.
- Compatible with all engine types operating on low-sulphur fuels.
- Does not form corrosive compounds during combustion or post-combustion processes

TREATMENT GUIDELINES:

Fuel Condition	Recommended Dosage
Light Lubricity Correction	50 ppm
Normal Lubricity Improvement	100 - 150 ppm
Severe Lubricity Deficiency	200 - 400 ppm
General Treatment Rate	1 L per 6 Tons Fuel

SHERAN CHEMICAL (UAE) |SHERAN HELLAS CHEMICAL (Greece)

+971 9 501 3271 | sales@sheran.net, Athens@sheran.net | www.sheran.net

Manufacturing & Sales: Fujairah, UAE | Athens, Greece

Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

ProcureShip SHIPSERV ISO 9001:2015 COMPANY

PS ID: 14754 TN-315946

Treatment rates may vary depending on fuel quality, sulphur content, refinery source, and required HFRR lubricity performance.

APPLICATIONS GUIDELINES:

Add SHERFUEL LUBRICITY IMPROVER directly into the fuel storage tank, day tank, or fuel transfer system to ensure proper mixing throughout the fuel. Treatment rates should be determined according to fuel analysis results, sulfur content, and desired lubricity performance. The product is particularly effective in protecting rotary fuel injection equipment operating on fuels with low intrinsic lubricity, including gas oils and low-sulfur diesel fuels. Performance has been demonstrated using industry-recognized HFRR and SLBOCLE lubricity test methods.

TYPICAL APPLICATIONS:

Suitable Fuel Types

- Low-Sulphur Diesel Fuel (ULSD)
- Marine Gas Oil (MGO)
- Gas Oil
- Middle Distillate Fuels
- Low-Sulphur Marine Fuels

Suitable Systems

- Fuel Injection Systems
- Marine Diesel Engines
- Auxiliary Engines
- Industrial Boilers
- Fuel Storage Tanks
- Day Tanks
- Fuel Transfer Systems

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear Amber Liquid
Odour	Characteristic
Phosphorus Content	Nil
Metal Content	Nil
Solubility	Completely Soluble in Fuel
Application	Diesel Lubricity Improver
Recommended Treatment Range	50 - 400 ppm

Typical values are provided for guidance only and should not be considered product specifications.

STORAGE AND HANDLING:

Store in tightly closed containers in a cool, dry, ventilated place. See the latest SDS for safety details.

SHELF LIFE:

24 Months from date of manufacture when stored under recommended conditions.

STANDARD PACKING:

- 25 L Steel Drums
- 200 L Steel Drums

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