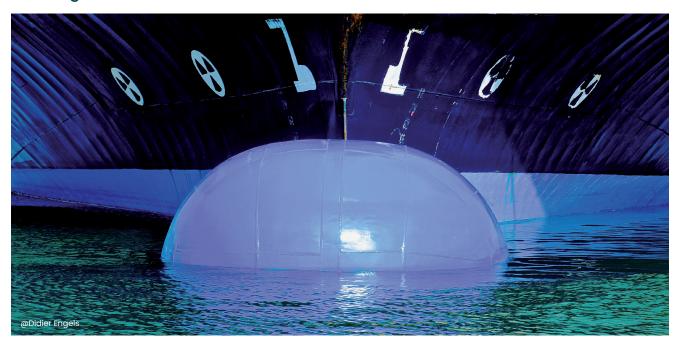


## **ADERCO 2055G FUEL CONDITIONER**

A proven solution for reducing OPEX, improving operational reliability and lowering emissions



Aderco's proprietary **surfactant-based technology** with a detergent action is at the core of the latest-generation fuel treatment developed for the shipping industry. **100% vegetal-organic**, **ashless as well as solvent-free and metal-free**, it is not only more environmentally responsible but also extremely concentrated for the lowest cost per tonne treated.

ADERCO 2055G Fuel Conditioner addresses the three fundamental priorities of today's shipping industry: maximise **Efficiency**, ensure **Economy**, and respect the **Environment**.

The environmentally responsible way to protect your fuel investment and your engine while delivering key benefits to ensure smooth operations:

- Prevents risks linked to fuel incompatibility, instability, commingling, change-over operations
- Prevents asphaltene agglomeration and sludge precipitation
- Regenerates sludge into usable fuel
- Facilitates water separation for effective drainage
- Inhibits microbial growth and prevents pH degradation (distillates)
- Prevents clogged filters and strainers
- · Eases purifier workload and prevents fouling
- Facilitates Al/Si catalytic fines ("catfines") ejection
- Optimises fuel atomisation and prevents ignition delays
- Prevents deposits (combustion chamber, piston tops, ring lands)
- Prevents vanadium corrosion
- Lowers exhaust gas temperatures
- Prevents exhaust system fouling (turbocharger, economiser)
- Reduces particulate matter (PM) emissions

For 2-stroke & 4-stroke engines

1 litre treats 55 metric tonnes of fuel





## ADERCO 2055G FUEL CONDITIONER

#### Surfactant-based detergent action delivers benefits from tank to funnel

Once blended with the fuel (product fed directly into the storage tanks), Aderco's surfactant formula and detergent properties keep the fuel matrix of hydrocarbon molecules (aliphatic & aromatic) stable and optimally dispersed. The surfactant action is purely physical: there is no risk of a chemical reaction.

Treating with Aderco improves efficiency, reduces component wear and lowers emissions, delivering benefits before, during and after combustion.

## **Before**

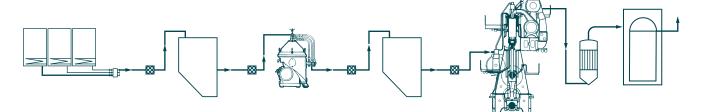
- Stabilises/homogenises fuel
- Regenerates sludge into fuel and prevents new sludge formation
- Prevents fuel incompatibilities
- Breaks down water emulsion
- · Stops microbial growth
- Keeps tanks and lines clean
- Eases stress on filters & purifiers

# **During**

- Optimises fuel atomisation
- · Cleaner, improved combustion
- Reduces wear of critical engine system components (e.g. injection)
- Prevents carbon deposit build-up
- Overall smoother engine operation
- Ensures smoother, more efficient operation

# **After**

- Lowers exhaust temperatures, reducing both engine stress and noxious gas emissions
- Reduces particulate matter (PM) emissions & smoke opacity
- Prevents deposit formation in exhaust system (turbocharger, economiser)



#### Easy application – no special dosing or mixing equipment required

Simply pour into storage tank prior to bunkering.

Recommended dosage: 1 litre of Aderco 2055G per 55 metric tonnes.

Important: To condition the fuel tank and achieve optimum results, initial dosage is 2 litres of Aderco 2055G per 55 metric tonnes. The same applies when resuming treatment after an extended period.

### **Key characteristics**

- 100% vegetal-organic, ashless, solvent-free and metal-free
- Classified as Non-Hazardous no transport restrictions (flash point: ≥146°C)
- Compatible with HFO, HSFO, VLSFO, Hybrids, MGO/LSGO/ULSGO, Bio fuels and ADERCO L1050 Lubricity Improver for LSGO/ULSGO
- REACH Compliant, BV Attested, DNV-GL Statement of Fact, EPA Registered

