

Information brochure and Suggested dosage

# "rb bertomeu" beco F1/ASF Concentrated

The **Complement\*** to treat fuel for **big engines**.

**Recommended** for fuel oil with high contents of Vanadium and MCR-Micro Conradson Residues.

## CONCENTRATED ADDITIVE / COMPLEMENT OF MULTIPLE ACTIONS

**Molecular liquid Magnesium** that **inhibits corrosion** ([Technical document RB-8](#)) and the inlays at the exhaust valves and turbo-compressors. Enhances the lubricity in pumps and injectors.

Carbon and asphaltene **dispersant** that **reduces sludge** ([Bulletin 3](#)) by **55%**

**Surfactant**, which achieves **better fuel atomization in the injectors**.

**Deemulsifier**, **decants the water** that the fuel contains.

**Bactericide and fungicide**, that eliminate algae and fungi.

**Stabilizer** that slows fuel degradation.

**Detergent**, cleans pumps and injectors, **improves combustion**.

**Corrosion inhibitors** that protect the fuel tank and circuit from corrosion.

**Reduces maintenance costs** and **extends the life of exhaust valves** ([Technical Document RB-13](#))

**Reduces polluting emissions** ([Bulletin 29](#)) by **80%**.

**Fuel savings** ([Bulletin 4](#)) in an average of **3.1%** verified in [power generation plants](#) ([Customer references](#)).

## CHEMICAL COMPOSITION

- Soluble liquid Magnesium** (molecules-trade secret): “rb bertomeu” beco Mg Concentrated **URV-AMIC report** on the [size of the molecules of the “rb bertomeu” beco Mg Concentrated](#) ([Technical document RB-31](#))  
**NANOMOL report** on the [absence of Magnesium particles \(only molecules\)](#) ([Technical Document RB-33](#))
- Dispersants**, surfactants, demulsifiers, algicides, fungicides, stabilizers, detergents, corrosion inhibitors.
- Organic **solvents** with a flash point > 65 °C (C.C.).
- Density: 0.900 Kg / L

**SUGGESTED DOSAGE for Heavy fuel oil**, according to **Vanadium ppm** and Micro Conradson Residue, **M.C.R. %**

Example: Heavy fuel oil with MCR ≤ 10% and Vanadium < 35 ppm: Suggested dosage 0.15 Kg/MT of fueloil.

MCR %	≤ 10%	12%	13%	14%	15%
Vanadium ppm	< 35	50	100	150	200
Kg / MT of fuel	0.15	0.21	0.32	0.43	0.54
Additive:fuel ratio	1:6666	1:4762	1:3125	1:2326	1:1852

For higher M.C.R. content, complement with the [“rb bertomeu” beco F-Plus Concentrated](#) additive.

**POINT OF ADDITION:** In the fuel’s feed pipeline through a metering pump.

**PRESENTATION:** HD-PE IBC with 900 Kg; metallic drum with 208 Kg; HD-PE Jerrycan with 22.5 Kg.

**ENVIRONMENT AND TRANSPORTATION:** Liquid substance dangerous for the environment. Listed for ADR / RID, ADN, IMDG and IATA transport: Class 9, G.E. III, UN No. 3082

**NC CODE - TARIC:** 3811 90 00

**MANUFACTURER AND COUNTRY OF ORIGIN:** Manufactured by “rb bertomeu” in Spain (European Union)

If you have any technical or commercial question, please fill-in and send this [form](#).

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\* Something that fills up, completes, or makes better or perfect.