

Information brochure and Suggested dosage

# "rb bertomeu" beco F-Plus Concentrated

Additive for Low-Sulfur Diesel oil, marine Diesel oil, machinery Diesel oil and fuel for boilers and furnaces

The **Complement\*** for the treatment of fuels for: **all sizes of Diesel engines, marine, machinery, boilers, furnaces, dryers and gas turbines.** Different dosages according to the composition of the fuel.

## MULTIPLE ACTION CONCENTRATED ADDITIVE / COMPLEMENT

Combustion **improvers** and fuel stabilizers.

**Decants** the microdroplets of water in suspension that the fuel contains.

**Bactericide and fungicide, that eliminate algae and fungi.** ([Bulletin 15](#))

**Keeps** the fuel tank and circuit clean of rust and corrosion.

Injection system **lubricant**, for Low Sulfur Diesel, ASTM D-6079 (HFRR) / ISO 12156 standards.

Corrosion **inhibitor** in high and low temperature areas of the engine.

## EFFECTS " Combustion Optimization = Ecology and savings"

**Optimizes** the performance of the fuel injection system.

**Reduces the emission of soot and black smoke by 80%.** ([Bulletin 29](#))

**Extends** the life of the Diesel Particulate Filter (DFP).

**Neutralizes** corrosion in [exhaust valves and turbochargers](#) ([Technical Document RB-8](#))

**Reduces maintenance costs and lengthens engine life.** ([Technical document RB-13](#))

**Saves fuel** ([Bulletin 4](#))

## CHEMICAL COMPOSITION

a) **[Molecular liquid Magnesium, soluble in hydrocarbons](#)** (molecules trade secret): ["rb bertomeu" beco Mg Concentrated](#)

**URV-AMIC report** on the [size of the molecules of the "rb bertomeu" beco Mg Concentrated](#) ([Doc. RB-31](#))

**NANOMOL report** on the [absence of Magnesium particles \(only molecules\)](#) ([Technical Document RB-33](#))

b) **Dispersants**, surfactants, demulsifiers, algicides, fungicides, stabilizers, detergents, corrosion inhibitors.

c) Organic **solvents** with a flash point > 65 °C (C.C.).


d) Density: 0.900 Kg / L

## RECOMMENDED DOSAGE ACCORDING TO THE FUEL TO TREAT

### 1.- To treat 1,000 liters of Low-Sulfur Diesel oil:

Dose of 0.006% = add 60 ml of the  beco F-Plus Concentrated complement.


→ Ratio additive:fuel 1: 16666

With **25 liters** of  beco F-Plus Concentrated you can treat up to 416,650 liters of Low-Sulfur Diesel Oil.

### 2.- To treat 1,000 liters of marine Diesel oil, machinery Diesel oil and fuel for boilers and furnaces:

Dose of 0.0074% = add 74 ml of the  beco F-Plus Concentrated complement.

→ Ratio additive: fuel 1: 13513

With **25 liters** of  beco F-Plus Concentrated additive you can treat up to 337,825 liters of marine Diesel oil, machinery Diesel oil and fuel for boilers and furnaces.

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

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The **Complement\*** to treat fuels for: **all size of Diesel engines, marine, machinery, boilers, furnaces, dryers and gas turbines**. Different dosages according to the composition of the fuel.

Dosage for Heavy fuel oil and Crude oil according to Micro Conradson Residue (MCR) and Vanadium contents in the fuel								
MCR %	< 12%	12%-14%	14%-16%	17%	18%	19%	20%	21%
Vanadium ppm	10	15	20	26	30	40	47	55
Kg / MT of fuel	0.15	0.21	0.29	0.37	0.46	0.56	0.67	0.79
Additive:fuel ratio	1:6666	1:4762	1:3448	1:2703	1:2174	1:1786	1:1493	1:1266

For higher Vanadium content, complement with the ["rb bertomeu" beco Mg Concentrated](#) additive or with the ["rb bertomeu" Mg Colloidal 28](#) additive according to Magnesium needs.

## ADDITION POINT

The addition must take place in the inlet pipe to the storage tank.

## PRESENTATION

1,000-liters HD-PE IBC, 208-liters metal drum, 5-liters HD-PE Jerrycan.

## ENVIRONMENT AND TRANSPORTATION

Liquid product hazardous for the environment. Cataloged for transportation ADR/RID, ADN, IMDG and IATA: **Class 9, P.G. III, UN 3082**

## NC-TARIC CODE

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](#).

October 2021

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