Technical Brochure
"rb bertomeu” Dispersant of MCR and asphaltenes

Dispersant, demulsifier, detergent, stabilizer additive for Heavy Fuel Oil, Crude Oil, Marine Diesel Oil DMA and Diesel Oil. Optimizes the combustion, reduces the fuel consumption as well as the polluting emissions. For engines, boilers/steam generators, dryers, furnaces and gas turbines.

EFFECTS
Dispersant of carbons and asphaltenes which reduces sludge by 55% and the trigger rate at the water treatment plants. It keeps the filters clean. Desemulsifier, it decants the water and removes algae and fungi. Stabilizer that slows the fuel degradation. Detergent, it keeps clean injectors, improves combustion and reduces the emission of unburned particles by 80%. Improves the fuel lubricity. Excellent results in the lubricity tests for Injection in Low Sulphur Diesel in accordance with ASTM D-6079 (HFRR) / ISO 12156.

DOSAGE
Dosage can change according to different fuels and their specifications.

For Low Sulphur Diesel: <50 ppm ~ 0.005% m/m
Recommended dose (in volume): 0.0048% = 0.048 liters ~ 48 ml / 1000 liters of fuel

For Marine Diesel Oil DMA, Diesel Oil: sulphur < 1000 ppm ~ 0,1% m/m
Recommended dose (in volume): 0.0059% = 0.059 liters ~ 59 ml / 1000 liters of fuel

<table>
<thead>
<tr>
<th>MCR %</th>
<th>&lt; 12%</th>
<th>12%-14%</th>
<th>14%-16%</th>
<th>17%</th>
<th>18%</th>
<th>19%</th>
<th>20%</th>
<th>21%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kg / MT of fuel</td>
<td>0.120</td>
<td>0.168</td>
<td>0.232</td>
<td>0.296</td>
<td>0.368</td>
<td>0.448</td>
<td>0.536</td>
<td>0.632</td>
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</tbody>
</table>

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

PRESENTATION

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

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

NOTES
Export: Incoterms 2020 FCA Air and Sea FOB, from Barcelona
Export: Express shipment by air 1-2 weeks to any worldwide destination
NC–TARIC code: 3811 90 00

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