



AN3 EXPORT AND IMPORT TRADE LTDA

1 - Usage Mode and Applications:

BDO2002 should never be used in its pure form. It is always necessary to dilute it in water (seawater, pure, reuse, or brackish water) to create a BDO + Water Solution.

The ratio for this solution varies according to the API gravity of the oil or sludge, as per the table below.

After determining the ideal solution, the amount to be injected into the process should be in a 1:1 ratio relative to the volume of the waste.

EcoCleaner BDO2002 Dilution Table:

Type of Oil / Waste Approximate API Gravity Recommended Dilution (BDO : Water)

Applications:

API Grade of Oil	Dilution Ratio	Result
API < 27	Dilution entre 1:3 e 1:5	01 part de BDO to, de 3 a 5 parts de água.
33 > API >27	Dilution entre 1:10 e 1:20	01 part de BDO to, de 10 a 20 parts de água.
40 > API >33	Dilution entre 1:20 e 1:30	01 part de BDO to, de 20 a 30 parts de água.
API >40	Dilution entre 1:30 e 1:50	01 part de BDO to, de 30 a 50 parts de água.

Heavy / Asphaltic Sludge - API below 27 1 : 03/09 Maximum efficiency for compact and viscous residues.

Heavy Oils - API between 33 and 271 : 10/20 Dense sludge in pipelines, platforms, and ships.

Medium Oils - API between 40 and 33 1 : 20/30 Tanks and pipelines with medium scaling/incrustation.

Light Oils -API above 40 1 : 40 Quick cleaning of low-adherence residues. Ideal for preventive maintenance.

Applications: OIL LIFTING AND FLOW, CEMENTING WELLS, UPSTREAM, DOWNSTREAM, CLEANING, TANK MAINTENANCE, PIPELINES. It is also effective in cleaning and removing scale from vegetable oils and fats.



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Disposal and Property:

Disposal of the used solution can be carried out directly in water or land (not recommended due to oil sector requirements, but feasible due to its biodegradability). When disposed of in sloop tanks, BDO2002 helps to bring the oil and grease content within acceptable limits.

The product's property, its distribution, and the technology belong to AN3 COMÉRCIO - BRAZIL.

EcoCleaner BDO2002 is the ideal choice for companies seeking an effective, sustainable, and safe approach to cleaning hydrocarbons and oil.



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