**Enquiry Questionnaire**

**for**

**Diesel Defence**

**{Title}**

The information you provide in this document will help us recommend the most appropriate Diesel Defence fuel polishing unit for your storage tanks.



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## Storage tank capacity

Most Diesel Defence polishing units serve a single storage tank but they can be used to condition the fuel in up to five separate tanks. The total storage capacity of those tanks determines the size of polishing unit you need.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Tank reference** | **Tank capacity (litres)** | **Current contents (litres)** |
| Storage tank capacity | Tank A |  |  |
| Tank B |  |  |
| Tank C |  |  |
| Tank D |  |  |
| Tank E |  |  |
| Total capacity |  |  |

|  |  |  |
| --- | --- | --- |
| Basics | Location | Above ground / Below ground |
| Shape | Square / Round  Vertical / Horizontal |
| Port sizes | mm |

|  |  |
| --- | --- |
| Ports & manholes | Please sketch location of ports and manholes |

## Lift

What is the *total* height that diesel needs to be lifted from the tank(s) to the Diesel Defence polishing unit? For example, if you have three tanks that need a lift of 1, 3 and 5m respectively, the total lift will be 9m. This figure helps us specify the correct pump for the polishing unit.

|  |  |  |
| --- | --- | --- |
| Lift | Total lift for all tanks | m |

## Distance

What is the *total* distance that diesel needs to be moved from the tank(s) to the Diesel Defence polishing unit? For example, if you have three tanks that are 1, 12 and 25m respectively from the polishing unit, the total distance will be 38m. This figure helps us specify the correct pump for the polishing unit.

|  |  |  |
| --- | --- | --- |
| Distance | Total distance for all tanks | m |

## Electricity

Your local power supply determines the most appropriate pump for your polishing unit.

|  |  |  |
| --- | --- | --- |
| Voltage | 115V | Yes / No |
| 240V | Yes / No |
| Is 415V available? | Yes / No |
| 50Hz | Yes / No |
| 60Hz | Yes / No |

## Mounting

Diesel Defence polishing units can be build on a skid, plate for wall-mounting or a cabinet that sits beside a tank.

|  |  |  |
| --- | --- | --- |
| Mount | Back-plate | Yes / No |
| IP65 cabinet | Yes / No |
| Offshore cabinet | Yes / No |

## Final filtration level

Diesel Defence polishing units offer a range of filtration options for removing particulate contamination. The finest filtration is not always the most suitable. Finer filtration does produce cleaner fuel but, in adverse environments, it can require frequent filter changes.

|  |  |  |
| --- | --- | --- |
| Final filtration | Final filtration level | 25 / 15 / 10 / 6 µm |

## Particle counter

An option on some Diesel Defence polishing units is a meter that constantly records the level of particulate contamination in your stored fuel. These readings can be used to prove that your fuel is clean and free of damaging particles.

|  |  |  |
| --- | --- | --- |
| Particle counter | Particle counter | Yes / No |

## Auto-dosing

An option on some Diesel Defence polishing units is a facility to automatically dose stored fuel with ADV+, a fuel stabiliser helps prevent water coalescing and slows the growth of the diesel bug.

|  |  |  |
| --- | --- | --- |
| Auto-dosing | Auto-dosing module | Yes / No |

## Nature of diesel fuel being stored

The nature of the of diesel being stored affects the capacity of polishing unit.

|  |  |  |
| --- | --- | --- |
| Diesel type | Petrochemical diesel | Yes / No |
| B7 biodiesel | Yes / No |
| B15 biodiesel | Yes / No |
| B20 biodiesel | Yes / No |

|  |  |  |
| --- | --- | --- |
| Stored diesel | Age of diesel | Months |
| Date of last delivery | dd / mm / yyyy |
| Date of last tank cleaning | dd / mm / yyyy |
| Volume of last delivery | litres |
| Have you included a diesel test report | Yes / No |
| Have you included photos of the tank(s) | Yes / No |