

**PRODUCT SPECIFICATION**

**MGO – DMA (E10) 0.1**

**AREA OF USE:**

The product is a marine gasoil intended for use in diesel engines in commercial ships.

**STORAGE:**

The product is suitable to storage temperatures above 0°C.

| PROPERTIES                               | UNIT                     | PRODUCT SPECIFICATION | TYPICAL ANALYSIS DATA |
|--|--------------------------|-----------------------|-----------------------|
| Density at 15 °C                         | kg/m <sup>3</sup>        | 830-860               | 845                   |
| Viscosity at 40 °C                       | mm <sup>2</sup> /s (cSt) | 2,0-4,0               | 3,0                   |
| Cloud point                              | °C                       | 0                     | -3                    |
| Flash point                              | °C                       | Min 60,0              | 68                    |
| Filterability cold conditions (CFPP)     | °C                       | -10                   | -15                   |
| Cetane index                             |                          | Min 45                | 48                    |
| Distillation temp. max at 10% distillate | °C                       | 230                   | 216                   |
| Distillation temp. max at 95% distillate | °C                       | 370                   | 352                   |
| Sulphur content                          | Mass -%                  | Max 0,1%              | 0,05%                 |
| Water content                            | Mg/kg                    | Max 200               | 50                    |
| Total contamination                      | Mg/kg                    | Max 24                | 3                     |
| Net heat of combustion                   | MJ/kg                    | -                     | 42,9                  |
| Energy content                           | kWh/L                    | -                     | 10,0                  |
| Energy content                           | MWh/mt                   | -                     | 11,9                  |
| Ash content                              | Mass -%                  | Max 0,001             | 0                     |

This product complies with the Swedish standard (SS 15 54 10).

It is classified as a flammable liquid, class 3.