

Marine gas oil (10ppm)

Product:

Ultra-low sulphur, FAME Free gas oil (marked and unmarked)

Applicable standards:

BS EN 590: 2022

Use:

In marine diesel engines designed to run on automotive diesel fuel

| Sales specification | | Units | Minimum | Maximum |
|---|-----|--------------------|---------|---------|
| Cetane number | | - | 51.0 | - |
| Cetane index | | - | 46.0 | - |
| Density at 15°C | | kg/m ³ | 820.0 | 845.0 |
| Winter only (1 November – 15 March) | | kg/m ³ | 815.0 | |
| Polycyclic aromatic hydrocarbons | [2] | % (m/m) | - | 8 |
| Sulphur content | | mg/kg | - | 10.0 |
| Flash point (PMCC) | [6] | °C | 60 | - |
| Carbon residue (on 10% distillation residue) | | % (m/m) | - | 0.30 |
| Ash content | | % (m/m) | - | 0.01 |
| Water content | | mg/kg | - | 200 |
| Total contamination | | mg/kg | - | 24 |
| Copper corrosion (3h at 50°C) | | rating | - | Class 1 |
| Fatty acid methyl ester content | | % (v/v) | | 0.5% |
| Oxidation stability | | g/m ³ | | 25 |
| Rancimat if FAME > 2% | | hrs | 20 | - |
| Lubricity, corrected wear scar diameter at 60°C | | Micron | - | 460 |
| Viscosity at 40°C | | mm ² /s | 2.00 | 4.50 |
| Strong acid | | mgKOH/g | - | nil |
| Cloud point | | | | |
| Summer (16 March – 31 October) | | °C | - | 3 |
| Winter (1 November – 15 March) | | °C | - | -5 |
| Distillation characteristics | | | | |
| Recovered at 250°C | | % (v/v) | - | <65 |
| Recovered at 350°C | | % (v/v) | 85 | - |
| 95% point | | °C | - | 360 |
| Cold filter plugging point | | | | |
| Summer (16 March – 31 October) | | °C | - | -5 |
| Winter (1 November – 15 March) | | °C | - | -15 |

Additional Information

1. Visual appearance should be clear and bright and free from undissolved water
2. Polycyclic aromatic hydrocarbons are defined as the total aromatic hydrocarbon content less the mono-aromatic hydrocarbon content
3. Gas oil is deemed to be FAME free if FAME content is <0.5% v/v
4. The Summer and Winter dates specified above apply to diesel being delivered from our import depots
5. Health, Safety and Environmental information is given on Material Safety Data Sheet
6. Flash point tested at terminal to be minimum 60°C (as required by marine gas oil spec in BS ISO 8217:2024)

**All Greenergy fuels are designed for optimum operating and emissions performance.
For further information phone 020 7404 7700.**