



# AmSpec Italia S.r.l.

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## TEST REPORT NR° 22LS06315

Client: M.I.N.A. Service S.r.l.

Sample Number: 22LS06315

AmSpec Job. n.: 608-22-00740

Client Ref.: OF 01/001915

Sample Container: Plastic Container 2 L

Seal Number: N.A.

Sample description: GASOLIO GRUPPO ANTINCENDIO  
SCARPATA C/LE MESSINA

Analysis commenced: 10/11/2022 15.38

Product: Gasoil

Sample origin: GASOLIO GRUPPO ANTINCENDIO

Sampling date: N.A.

Receiving date: 10/11/2022

Sampling by: Client

Analysis completed: 28/11/2022 18.09

| Parameter                   | Method       | U.M.               | Result |
|-----------------------------|--------------|--------------------|--------|
| Sediment & Water *          | UNI 20058    | %v/v               | 0,01   |
| Viscosity at 40°C           | ASTM D 445   | mm <sup>2</sup> /s | 2,449  |
| Viscosity at 50°C           | ASTM D 445   | mm <sup>2</sup> /s | 2,020  |
| Net Calorific Value *       | ASTM D 240   | Kcal/ Kg           | 10241  |
| Pour Point                  | ISO 3016     | °C                 | < -18  |
| Asphaltenes Content         | IP 143       | %wt                | < 0,50 |
| Total Sediment Existent     | IP 375       | % m/m              | < 0,01 |
| PCB *                       | EN 12766-2   | mg/kg              | < 4    |
| PCT *                       | EN 12766-3   | mg/kg              | < 10   |
| Metals Content *            | ASTM D 7111  |                    |        |
| Nickel Content              |              | mg/kg              | 0,20   |
| Sodium Content              |              | mg/kg              | < 0,21 |
| Vanadium Content            |              | mg/kg              | < 0,10 |
| Ash Content                 | ISO 6245     | %m/m               | 0,010  |
| Sulphur Content             | EN ISO 20846 | mg/kg              | 6,9    |
| Density at 15°C             | EN ISO 12185 | Kg/m <sup>3</sup>  | 832,0  |
| Carbon Residue Micro Method | ASTM D 4530  | %m/m               | 0,02   |

Note: The analytical results were obtained using the above submitted sample as received and designated by the client. This is for reference only as we cannot guarantee the integrity of the submitted sample.

\* Test performed by AmSpec Napoli Lab.

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All tests have been performed in accordance with the latest version of the methods used, unless otherwise shown on the test report.

This Test Report is for this sample only.

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END OF THE TEST REPORT NR° 22LS06315

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FOLLOWS THE PRELIMINARY TEST REPORT NR°22LS06315

SIRACUSA, 29/11/2022

LABORATORY MANAGER  
Massimiliano Alderuccio

A circular stamp containing the text "AmSpec Italia S.r.l." and a handwritten signature in black ink.