

LAB REPORT

Unit id
BIODIESEL (FAME)
Component
FAME (as biodiesel fuel)

Lab number: 1700657

Sample from
Reservoir

Fuel type
Biodiesel DIN EN 14214

Tank capacity
28000

Sample Report
Scope of Analysis: Fuel Set 3KB

The water content is within the normal range. The determined values are typical for FAME (RME/biodiesel) according to DIN EN 14214. The determined values are within the normal range. Whether all requirements according to this standard (e.g. cetane number, iodine value) are met cannot be assessed without corresponding additional tests.



NORMAL

Dipl.-Ing. Stefan Mitterer

| ANALYSIS RESULTS | | | Current sample | | | | |
|----------------------|------|--------------------|---|--|--|--|--|
| Lab number | | | 1700657 | | | | |
| SAMPLE RATING | | |  | | | | |
| Date of examination | | | 02.05.2025 | | | | |
| Date of sample taken | | | 23.04.2025 | | | | |
| WEAR | | | | | | | |
| Iron | Fe | mg/kg | 0 | | | | |
| Chrome | Cr | mg/kg | 0 | | | | |
| Tin | Sn | mg/kg | 0 | | | | |
| Aluminum | Al | mg/kg | 0 | | | | |
| Nickel | Ni | mg/kg | 0 | | | | |
| Copper | Cu | mg/kg | 0 | | | | |
| Lead | Pb | mg/kg | 0 | | | | |
| Molybdenum | Mo | mg/kg | 0 | | | | |
| PQ index | | - | < 25 | | | | |
| CONTAMINATION | | | | | | | |
| Silicon | Si | mg/kg | 0 | | | | |
| Potassium | K | mg/kg | 0 | | | | |
| Sodium | Na | mg/kg | 0 | | | | |
| Water K. F. | | ppm | 388 | | | | |
| CONDITION | | | | | | | |
| Viscosity at 40 °C | | mm ² /s | 4.15 | | | | |
| ADDITIVES | | | | | | | |
| Calcium | Ca | mg/kg | 0 | | | | |
| Magnesium | Mg | mg/kg | 0 | | | | |
| Boron | B | mg/kg | 0 | | | | |
| Zinc | Zn | mg/kg | 0 | | | | |
| Phosphorus | P | mg/kg | 0 | | | | |
| Barium | Ba | mg/kg | 0 | | | | |
| Sulphur | S | mg/kg | < 10 | | | | |
| ADDITIONAL TESTS | | | | | | | |
| Density 15 °C | | kg/m ³ | 882 | | | | |
| Flash point closed | S... | °C | 180 | | | | |



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SAMPLE IMAGES (LABORATORY NUMBER: 1700657)



Any questions?

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LAB.REPORT



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