

Unit ID **PFLANZENÖL/RAPSÖL**
 Component **Vegetable oil (Rapeseed oil)**
 Current sample number **1705757**



OELCHECK GmbH · Kerschelweg 28 · 83098 Brannenburg

Machine type: **Keine Angabe**
 Manufacturer: **Keine Angabe**
 Fuel type: **Raffiniertes Rapsöl**
 Tank capacity: **5000 l**

Diagnosis for the current laboratory values

The analysed values are typical for vegetable oil fuel according to DIN 51605. To test all other requirements of this standard (heating value, iodine number, etc.), additional tests are necessary.

Markus Schütz (CLS)

Sample Rating



normal

| ANALYSIS RESULTS | | Current sample | Previous samples | |
|-------------------------|-------------|-------------------|------------------|--|
| LAB NUMBER | | 1705757 | | |
| SAMPLE RATING | | | | |
| Date tested | | 06.03.2023 | | |
| Date of sample taken | | - | | |
| Date of last refuel | | - | | |
| Total operating time | | - | | |
| 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 | |
| Manganese | Mn | 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 | | 277 | |
| OIL CONDITION | | | | |
| Viscosity at 40°C | mm²/s | | 35.84 | |
| Viscosity at 100°C | mm²/s | | 8.11 | |
| Viscosity index | - | | 210 | |
| Color | Color index | | 0.5 | |
| ADDITIVES | | | | |
| Calcium | Ca | mg/kg | 1 | |
| Magnesium | Mg | mg/kg | 0 | |
| Boron | B | mg/kg | 0 | |
| Zinc | Zn | mg/kg | 0 | |
| Phosphorus | P | mg/kg | 2 | |
| Barium | Ba | mg/kg | 0 | |
| Sulphur | S | mg/kg | < 10 | |
| ADDITIONAL TESTS | | | | |
| AN / NN | mgKOH/g | | 0.33 | |
| Density 15°C | kg/m³ | | 920 | |

Bottle and cap



Infrared Spectrum

