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|--------------------|---------------|----------------|--------------------------|
| System: | DIESEL | Customer: | ATLAS COPCO RENTAL EUROP |
| Sump Capacity: | 900 L | | Luc Despeghele |
| Fuel type | DIESEL | Address: | INDUSTRIEWEG 1F |
| Labocodenbr: | 109830-XZf9 | | B- 2850 BOOM |
| Samplenummer: | 27.11.23 S005 | | |
| Labelnummer: | 429000800691 | | |
| Date sample drawn: | 3.11.2023 | Your customer: | 391685/14249 |
| Sampling: | by client | Your ref.: | D+/391685/14249/PTS1600 |

Diagnostic

Appearance : bright yellow. We notice brown particles on the bottom of the sample bottle. The fuel is contaminated with a significant amount of water. No bacteria or fungi present in the fuel. For the insolubles (based on EN12662), 152 g of sample was used. Defilement of the sample by a high content of insolubles. Microscopic examination of the patch shows the presence of black,brown and red particles, silicon particles and fibres.

Action

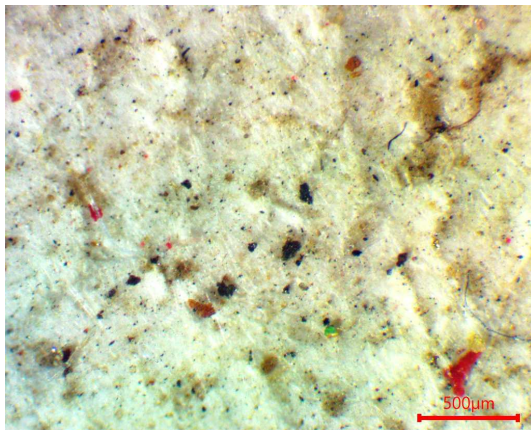
| Results: | | Current sample | 27.11.23 S005 |
|-----------------------------|-------------------|----------------|--|
| Analysis date | | 27/11/2023 | |
| Sample date | | 3/11/2023 | |
| Fuel condition: | | EN 590 | Min Max |
| Density | kg/m ³ | | 820.0 845.0 |
| Visual | | yellow | |
| S: Sulfur content | ppm | 10.0 | 10.0 |
| Viscosity at 40°C | cSt | 3.6 | 2.0 4.5 |
| Water content | ppm | 244 | 200 |
| Pollution/additives: | | EN 590 | Min Max |
| Al: Aluminium content | ppm | < 1 | 10.0 |
| Ba: Barium content | ppm | < 1 | 10.0 |
| Ca: Calcium content | ppm | < 1 | 10.0 |
| Cu: Kopper content | ppm | < 1 | 10.0 |
| Fe: Iron content | ppm | < 1 | 10.0 |
| Mg: Magnesium content | ppm | < 1 | 10.0 |
| Mn: Mangan content | ppm | < 1 | 2.0 |
| Na: Sodium content | ppm | < 1 | 10.0 |
| Pb: Lead content | ppm | < 1 | 10.0 |
| V: Vanadium content | ppm | < 1 | 10.0 |
| Zn: Zink content | ppm | 2 | 10.0 |
| Bacteria | | 0 | |
| Insolubles | mg/kg | 280 | 24-50: Follow-up >50: Alert |
| Quality: | | EN 590 | Min Max |
| Distillate at 250°C | V% | | < 65 |
| Distillate at 350°C | V% | | 85.0 |
| 95% (V/V) distilled at | °C | | 360.0 |
| Flashpoint | °C | | > 55.0 |
| Cetane index | | | 46.0 |
| Cetane number | | | 51.0 |
| PAK (Aromaten) | m% | | 8.0 |
| FAME (biodiesel) | V% | | 7.0 |
| CFPP | °C | | A-class max +5°C Class B max 0°C Class C max -5°C Class D max -10°C Class E max -15°C Class F max -20°C |

27.11.23 S005

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|----------------|-------------------------|---------------------|--------------------|
| System: | DIESEL | Labocodenbr: | 109830-XZf9 |
| Sump Capacity: | 900 L | Labelnumber: | 429000800691 |
| Lubricant: | DIESEL | Samplenummer: | 03.11.23 |
| Your ref.: | D+/391685/14249/PTS1600 | Analysis date: | 27.11.23 |

The sample was diluted with an organic pre-filtered solvent and filtered on a 0.7 µm fiberglass filter. After filtration, the filtrate was dried and analyzed under microscope.

| Particle type: | None | Few | Moderate | Many |
|-------------------------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|
| White metal: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Black particles: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rust particles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Silicon: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Fibers: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Weldings: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Plastics: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Copper: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Polymers: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| brown and red particles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Final judgement: Normal Moderate High**Diagnostic:**