Report form for late reported test results of **sample #22210**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Determination | Unit | Reference method \*) | Actual method used \*) | UnroundedResult \*) | Roundedresult*cfr.* used standard \*) |
| Total Acid Number \*\*\*) | mg KOH/g | D664-A |  |  |  |
|  Copper Corrosion 3 hrs at 50 °C |  |  |  |
| Density at 15 °C  | kg/L | ISO12185 |  |  |  |
| **Flash Point PMcc** | **method/procedure used : A / B \*\*)** |
| Flash Point PMcc | °C | D93 |  |  |  |
| **Foaming Tendency \*\*\*\*)**  |
| Sequence I (5 min. blowing period) | mL | D892 |  |  |  |
| Sequence II (5 min. blowing period) | mL | D892 |  |  |  |
| Sequence III (5 min. blowing period) | mL | D892 |  |  |  |
| **Foam Stability \*\*\*\*)**  |
| Sequence I (10 min. settling period) | mL | D892 |  |  |  |
| Sequence II (10 min. settling period) | mL | D892 |  |  |  |
| Sequence III (10 min. settling period) | mL | D892 |  |  |  |
| Kinematic Viscosity at 40 °C | mm2/s | D445 |  |  |  |
| Kinematic Viscosity at 100 °C | mm2/s | D445 |  |  |  |
| Viscosity Index |  | D2270 |  |  |  |
| Kinematic Viscosity Stabinger at 40 °C | mm2/s | D7042 |  |  |  |
| Kinematic Viscosity Stabinger at 100 °C | mm2/s | D7042 |  |  |  |
| Pour Point Manual | °C | D97 |  |  |  |
| Pour Point Automated 1 °C interval | °C | D5950 |  |  |  |
| Sulfur | mg/kg | D4294 |  |  |  |

\*) Please see the letter of instructions before the start of the tests at [www.kpmd.co.uk/sgs-iis/](http://www.kpmd.co.uk/sgs-iis/)

\*\*) Please circle the right option

\*\*\*) Please answer the additional questions about Acid Number (ASTM D664) if the determination is performed (see Additional Questions on the final page)

\*\*\*\*) Please note that sample #22210 is not freshly blended

**This table continues on the next page.**

Report form for late reported test results of **sample** **#22210 – continued**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Determination | Unit | Reference method \*) | Actual method used \*) | UnroundedResult \*) | Roundedresult*cfr.* used standard \*) |
| **Water**  | **version used: 2016e1 / 2020 \*\*)****method/procedure used: A / B / C \*\*)** |
| Water | mg/kg | D6304 |  |  |  |
| Water Separability at 54 °C, distilled water |
| Time to reach 3 mL or less emulsion | minutes | D1401 |  |  |  |
| Time to reach 37 mL of water | minutes | D1401 |  |  |  |
| Time to reach complete break (40-40-0) | minutes | D1401 |  |  |  |
| Test aborted? | NO / YES \*\*)  |
| Time test aborted | minutes |  |  |  |  |
| Volume of oil phase | mL |  |  |  |  |
| Volume of water phase | mL |  |  |  |  |
| Volume of emulsion phase | mL |  |  |  |  |
| Elemental analyzes |
| Calcium as Ca | mg/kg | D5185 |  |  |  |
| Phosphorus as P | mg/kg | D5185 |  |  |  |
| Zinc as Zn | mg/kg | D5185 |  |  |  |

\*) Please see the letter of instructions before the start of the tests at [www.kpmd.co.uk/sgs-iis/](http://www.kpmd.co.uk/sgs-iis/)

\*\*) Please circle the right option

\*\*\*) Please answer the additional questions about Acid Number (ASTM D664) if the determination is performed (see Additional Questions on the final page)

\*\*\*\*) Please note that sample #22210 is not freshly blended

**Additional Questions about Total Acid Number (ASTM D664):**

1. What was the volume of the titration solvent?
* 60 mL
* 125 mL
1. How was the end point determined?
* Inflection Point
* Buffer End Point pH 10
* Buffer End Point pH 11
1. Remarks on Additional Questions:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_