Report form for late reported test results of **sample #22030**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Determination | Unit | Reference method \*) | Actual method used \*) | Unrounded  Result \*) | Rounded  result  *cfr.* used standard \*) |
| Total Acid Number \*\*\*) | mg KOH/g | D664-A |  |  |  |
| Copper Corrosion 3 hrs at 100°C |  |  |  |  |  |
| Density at 15°C | kg/L | ISO12185 |  |  |  |
| Flash Point C.O.C. | °C | D92 |  |  |  |
| **Flash Point PMcc** | **method/procedure used: A or B \*\*)** | | | | |
| Flash Point PMcc | °C | D93 |  |  |  |
| **Foaming Tendency \*\*\*)** |  | | | | |
| Sequence I (5min. blowing period) | mL | D892 |  |  |  |
| Sequence II (5min. blowing period) | mL | D892 |  |  |  |
| Sequence III (5min. blowing period) | mL | D892 |  |  |  |
| **Foam Stability \*\*\*)** |  | | | | |
| Sequence I (10min. settling period) | mL | D892 |  |  |  |
| Sequence II (10min. settling period) | mL | D892 |  |  |  |
| Sequence III (10min. settling period) | mL | D892 |  |  |  |
| Kinematic Viscosity at 40°C | mm2/s | D445 |  |  |  |
| Kinematic Viscosity at 100°C | mm2/s | D445 |  |  |  |
| Viscosity Index |  | D2270 |  |  |  |
| Pour Point Manual | °C | D97 |  |  |  |
| Pour Point Automated 1°C interval | °C | D5950 |  |  |  |
| Rust Prevention distilled water |  |  |  |  |  |
| Sulfur | mg/kg | D4294 |  |  |  |
| **Water** | **version used D6304: 2016e1 or 2020 \*\*)**  **method/procedure used D6304: A, B or C \*\*)** | | | | |
| Water | mg/kg | D6304 |  |  |  |

\*) 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) and/or Foaming Characteristics if the determination is performed (see the final page)

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

Report form for late reported test results of **sample** **#22030 - continued**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Determination | Unit | Reference method \*) | Actual method used \*) | Unrounded  Result \*) | Rounded  result  *cfr.* used standard \*) |
| **Water Separability at 82°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 |  |  |  |  |
| **Level of Contamination Measurement** | | | | | |
| particle size ≥ 4 μm (c) | counts/mL | D7647 |  |  |  |
| particle size ≥ 6 μm (c) | counts/mL | D7647 |  |  |  |
| particle size ≥ 14 μm (c) | counts/mL | D7647 |  |  |  |
| **Level of Contamination acc. to ISO4406 scale** | | | | | |
| particle size ≥ 4 μm (c) | scale number | D7647 |  |  |  |
| particle size ≥ 6 μm (c) | scale number | D7647 |  |  |  |
| particle size ≥ 14 μm (c) | scale number | D7647 |  |  |  |
| **Elemental analyzes** | | | | | |
| Calcium as Ca | mg/kg | D5185 |  |  |  |
| Phosphorus as P | mg/kg | D5185 |  |  |  |
| Zinc as Zn | mg/kg | D5185 |  |  |  |

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\*\*) Please circle the right option

**Please see the next page for the Additional Questions.**

Report form for late reported test results

**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

**About Foaming Characteristics:**

1. How was the sample used?

* As received
* After agitation (option A)
* Other, please specify below:

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

1. What type of diffuser was used?

* Metal (Stainless Steel)
* Stone (Non-Metallic)

1. Remarks on Additional Questions:

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