Report form for late reported test results of **sample #22005**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Determination | Unit | Reference method \*) | Actual method used \*) | Unrounded  Result \*) | Rounded  result  *cfr.* used standard \*) |
| Total Acid Number | mg KOH/g | D974 |  |  |  |
| Ash content | %M/M | ISO6245 |  |  |  |
| Calculated Cetane Index, four variables |  |  |  |  |  |
| Cloud Point | °C | ISO3015 |  |  |  |
| Cold Filter Plugging Point (CFPP) | °C | EN116 |  |  |  |
| Carbon Residue (micro method) on 10% residue | %M/M | ISO10370 |  |  |  |
| Copper Corrosion 3hrs at 50°C | rating |  |  |  |  |
| Density at 15°C | kg/m3 | ISO12185 |  |  |  |
| **Distillation at 760 mmHg** | **method/procedure used: manual or automated \*\*)** | | | | |
| Initial Boiling Point | °C | ISO3405 |  |  |  |
| Temp at 10% recovered | °C | ISO3405 |  |  |  |
| Temp at 50% recovered | °C | ISO3405 |  |  |  |
| Temp at 90% recovered | °C | ISO3405 |  |  |  |
| Temp at 95% recovered | °C | ISO3405 |  |  |  |
| Final Boiling Point | °C | ISO3405 |  |  |  |
| Volume at 250°C | %V/V | ISO3405 |  |  |  |
| Volume at 350°C | %V/V | ISO3405 |  |  |  |
| **FAME** | **method/procedure used: A, B or C \*\*)** | | | | |
| FAME | %V/V | EN14078 |  |  |  |
| **Flash Point PMcc** | **method/procedure used: A, B or C \*\*)** | | | | |
| Flash Point PMcc | °C | ISO2719 |  |  |  |

\*) 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

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

Report form for late reported test results of **sample** **#22005 - continued**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Determination | Unit | Reference method \*) | Actual method used \*) | Unrounded  Result \*) | Rounded  result  *cfr.* used standard \*) |
| Kinematic Viscosity at 40°C | mm2/s | ISO3104 |  |  |  |
| **Lubricity by HFRR at 60°C** | **method/procedure used ISO12156-1: A, B or 2006 \*\*)** | | | | |
| Lubricity by HFRR at 60°C | µm | ISO12156-1 |  |  |  |
| **Was Lubricity by HFRR corrected or not?** | **corrected? Yes or No \*\*)** | | | | |
| Manganese as Mn | mg/L | EN16576 |  |  |  |
| Nitrogen \*\*\*) | mg/kg | D4629 |  |  |  |
| Polycyclic Aromatic Hydrocarbons 1) | %M/M | EN12916 |  |  |  |
| Mono Aromatic Hydrocarbons | %M/M | EN12916 |  |  |  |
| Di Aromatic Hydrocarbons | %M/M | EN12916 |  |  |  |
| Tri+ Aromatic Hydrocarbons | %M/M | EN12916 |  |  |  |
| Total Aromatic Hydrocarbons | %M/M | EN12916 |  |  |  |
| Pour Point Manual | °C | ISO3016 |  |  |  |
| Pour Point Automated 3°C interval | °C | D5950 |  |  |  |
| Sulfur | mg/kg | ISO20846 |  |  |  |
| Water | mg/kg | ISO12937 |  |  |  |

\*) 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 Nitrogen (ASTM D4629) if the determination is performed (see Additional Questions on the final page)

1) **Definition from EN12916:**

**%Polycyclic Aromatic Hydrocarbons = sum of %di- and %tri+-Aromatic Hydrocarbons**

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

Report form for late reported test results

**Additional Questions**

**Nitrogen determination (ASTM D4629):**

1. How did you calculate the Nitrogen content in the sample?

* For samples introduced volumetrically, §12.1 ASTM D4629:17
* For analyzers equipped with a calibration adjust, §12.3 ASTM D4629:17

1. Remarks on Additional Questions:

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