



|  |                         |
|--|-------------------------|
| <b>Terminal product specification: Argos Celsius Premium</b> | <b>version 1-9-2016</b> |
|--|-------------------------|

| Property   | Unit               | Minimum | Maximum | Test method    |
|--|--------------------|---------|---------|----------------|
| <b>Cetane number</b>   |                    | 51,0    |         | EN ISO 5165    |
| <b>Cetane index</b>  |                    | 46,0    |         | EN ISO 4264    |
| <b>Density at 15 °C</b>  | kg/m <sup>3</sup>  | 820,0   | 845,0   | EN ISO 3675    |
| <b>Polycyclic aromatic compounds</b>   | % m/m              |         | 8       | EN ISO 12916   |
| <b>Sulfur content</b>  | mg/kg              |         | 10,0    | EN ISO 20846   |
| <b>Manganese content</b>   | mg/l               |         | 2,0     | EN 16576       |
| <b>Flash point</b>   | °C                 | >55     |         | EN ISO 22719   |
| <b>Carbon residue on 10% distillation residue</b>  | % m/m              |         | 0,30    | EN ISO 10370   |
| <b>Ash content</b>   | % m/m              |         | 0,01    | EN ISO 6245    |
| <b>Water content</b>   | mg/kg              |         | 200     | EN ISO 12937   |
| <b>Total contamination</b>   | mg/kg              |         | 24      | EN ISO 12662   |
| <b>Copper strip corrosion<br/>(3 hrs. at 50 °C)</b>  | Rating             | Class 1 |         | EN ISO 2160    |
| <b>Oxidation stability</b><br><br>When FAME content > 2% V/V   | g/m <sup>3</sup>   |         | 25      | EN ISO 12205   |
|  | h                  | 20      |         | EN 15751       |
| <b>Lubricity, corrected wear scare diameter<br/>(wsd 1,4) at 60° C</b>                                       | µm                 |         | 460     | EN ISO 12156-1 |
| <b>Viscosity at 40°C</b>   | mm <sup>2</sup> /s | 2,00    | 4,50    | EN ISO 3104    |
| <b>Distillation</b><br>% (v/v) recovered at 250 °C<br>% (v/v) recovered at 350 °C<br>95 % (v/v) recovered at | % v/v              | 85      | <65     | EN ISO 3405    |
|  | % v/v              |         | 360     |                |
|  | °C                 |         |         |                |
| <b>Fatty acid methyl ester (FAME) content</b>  | % v/v              |         | 7       | EN ISO 14078   |
| <b>CFPP</b>  | Summer*            | °C      | 0       | EN 116         |
|  | Intermediate**     | °C      | -5      |                |
|  | Winter***          | °C      | -20     |                |

\* Summer: May 1st - September 30th  
 \*\* Intermediate: October 1st - November 15th / March 1st - April 30th  
 \*\*\* Winter: November 16th - Februari 28th