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Specification Sheet

HBX-1000™

Test Specifications:

| Parameter | Units | Limits | | Test Method |
|---|--------------------|---------|---------|-----------------------------|
| | | Minimum | Maximum | |
| Flash point (closed cup) | °C | 120 | - | D 93 |
| Kinematic viscosity @ 40°C | mm ² /s | 1.9 | 6.0 | D 445* |
| Water and sediment | % volume | - | 0.050 | D 2709** |
| Cold Soak Filtration | time or volume | - | 360 | D 6751-08 Annex A1 |
| Karl Fischer Moisture | % volume | - | 0.050 | D 6304 |
| Sulfated ash | % mass | - | 0.020 | D 874 |
| Sulfur | ppm (µg/g) | - | 15 | D 5453 |
| Copper strip corrosion | - | - | 3 | D 130* |
| Cetane number | - | 47 | 52 | D 613* |
| Cloud point | °C | - | 2 | D 2500 |
| Carbon residue | % mass | - | 0.050 | D 4530 |
| Acid number | mg KOH/g | - | 0.50 | D 664 |
| Free glycerin | % mass | - | 0.020 | D 6584 |
| Total glycerin | % mass | - | 0.240 | D 6584 |
| Phosphorus content | ppm (µg/g) | - | 10 | D 4951 |
| Distillation temperature Atmospheric equivalent temperature - 90 % recovered distillate | °C | - | 360 | D 1160* |
| Sodium and Potassium, combined | ppm (µg/g) | - | 5 | EN 14538 |
| Calcium and Magnesium, combined | ppm (µg/g) | - | 5 | EN 14538 |
| Oxidation Stability | Hours | 3 | - | EN14112 |
| Density @ 15°C | g/mL | 0.860 | 0.900 | EN ISO 3675 EN ISO 12185 |
| Visual Inspection | - | Report | | D 4176 |

* All parameters are to be reported on COA.

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