

# Certificate of Analysis

PRODUCT : AZOLLA ZS 68 (200L DM)

CERT. NO. : 20180914-0011

CUSTOMER :

DATE SAMPLED : 2018/08/16

D A T E : 2018/09/14

TANK No. : AZOLLA(BLENDING)

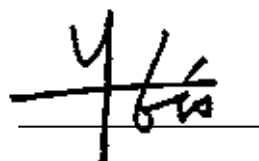
LOT No. : 182831

| TEST ITEMS                                     | UNIT              | TEST METHOD | RESULTS |
|------------------------------------------------|-------------------|-------------|---------|
| Color                                          |                   | ASTM D 1500 | L1.0    |
| Density, 15℃                                   | g/cm <sup>3</sup> | ASTM D 4052 | 0.8705  |
| Viscosity, 40℃                                 | cSt               | ASTM D 445  | 69.23   |
| Viscosity, 100℃                                | cSt               | ASTM D 445  | 9.145   |
| Viscosity Index                                |                   | ASTM D 2270 | 107     |
| Pour Point                                     | ℃                 | ASTM D 97   | -28     |
| Flash Point, COC                               | ℃                 | ASTM D 92   | 240     |
| Foaming Test<br>Tendency/Stability, Sequence 1 | ml                | ASTM D 892  | 10/0    |
| Foaming Test<br>Tendency/Stability, Sequence 2 | ml                | ASTM D 892  | 10/0    |
| Foaming Test<br>Tendency/Stability, Sequence 3 | ml                | ASTM D 892  | 10/0    |
| Water Content                                  | ppm               | ASTM D 6304 | 117     |
| Copper Strip Corrosion, 100℃, 3h               |                   | ASTM D 130  | 1a      |
| Rust Prevention A                              |                   | ASTM D 665  | No rust |
| Demulsibility, 54℃                             | min               | ASTM D 1401 | 20      |

- End of analytical results -

I CERTIFY THE ABOVE TEST RESULTS ARE TRUE AND CORRECT.

Chief Chemist  
JB.Shin



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