

# CERTIFICATE OF ANALYSIS

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|                   |                                                    |              |                     |
|-------------------|----------------------------------------------------|--------------|---------------------|
| PRODUCT           | Kocosol-150                                        |              |                     |
| SPEC CLASS        | Standard Sales Spec. 8 SOL-C-A-0013 (SOL-C-A-0013) |              |                     |
| SAMPLING POINT    | STC1_P-T9                                          | DATE SAMPLED | 2024.11.02 09:00:00 |
| LOT NO            | 3-240663                                           | CUSTOMER     | Customer            |
| VESSEL/VEHICLE NO |                                                    |              |                     |

| Test Item                         | Result | Spec      | Test Method |
|-----------------------------------|--------|-----------|-------------|
| Color-Saybolt                     | +30    | MIN +30   | ASTM D 156  |
| Specific Gravity 15.56/15.56℃     | 0.8937 | 0.88-0.90 | ASTM D 4052 |
| Density 15℃ kg/m <sup>3</sup>     | 893.3  | MIN 881   |             |
| Distillation                      |        |           |             |
| Initial Boiling Point ℃           | 181.7  | MIN 174   | ASTM D 86   |
| 50% Evaporated Temperature ℃      | 188.2  | MAX 200   |             |
| Dry Point ℃                       | 202.3  | MAX 220   |             |
| Final Boiling Point ℃             | 217.3  | MAX 230   |             |
| Flash Point-Tag Closed Cup(TCC) ℃ | 65.0   | MIN 55    | ASTM D 56   |
| Mixed Aniline Point ℃             | 14.4   | MAX 17    | ASTM D 611  |
| Aromatics vol%                    | 99.99  | MIN 99    | G.C         |
| Pour Point ℃                      | -18.0  | REPORT    | ASTM D 97   |
| Copper Strip Corrosion 3h,50℃     | 1-a    | MAX 1     | ASTM D 130  |

NOTE :

I CERTIFY THE ABOVE STATEMENT OF QUALITY TO BE TRUE AND CORRECT.

Print Date 2024-11-05

Quality Control Team Leader

*down kim*

1. The test results maybe used as the specified purpose.

2. Sinyeocheon-ro, Nam-gu, Ulsan, Korea TEL:052-208-3412 FAX:052-208-3434