

CERTIFICATE OF ANALYSIS

PRODUCT: VISCOSITY STANDARD: N14
PRODUCT NO: REVIS-N14
LOT NO: VISN1420E1
DATE OF TEST: 15/06/2020
EXPIRY DATE: 28/05/2022

CERTIFIED VALUES:

| Temperature | | Viscosity | | Density |
|-------------|--------|---------------------------------------|-----------------------|---------|
| °C | °F | Kinematic mm ² /s (cSt) | Dynamic mPa.s (cP) | g/ml |
| 20.00 | 68.00 | 29.95 | 25.10 | 0.8380 |
| 25.00 | 77.00 | 24.19 | 20.20 | 0.8348 |
| 37.78 | 100.00 | 15.03 | 12.42 | 0.8264 |
| 40.00 | 104.00 | 13.95 | 11.72 | 0.8250 |
| 50.00 | 122.00 | 10.23 | 8.370 | 0.8185 |

Method of Analysis: Kinematic Viscosity measurements are in accordance with ASTM D2162.
 Density measurements are in accordance with ASTM D4052.
 (Dynamic Viscosity = Kinematic Viscosity x Density)

Metrological Traceability: Kinematic Viscosity and Density values are traceable to the Primary Standard of pure water at 20°C, as adopted by NIST. Temperature values are traceable via National Standards to the ITS-90 temperature scale.

EXPANDED UNCERTAINTIES (*k* =2)

| Viscosity Range (mm ² /s) | Kinematic Viscosity (mm ² /s) | Dynamic Viscosity (mPa.s) |
|---|--|---------------------------------|
| 0.85 - 6.6 | 0.14% | 0.22% |
| 6.6 - 14 | 0.16% | 0.23% |
| 14 - 37 | 0.17% | 0.24% |
| 37 - 85 | 0.19% | 0.25% |
| 85 - 230 | 0.21% | 0.27% |
| 230 - 540 | 0.23% | 0.29% |

| Viscosity Range (mm ² /s) | Kinematic Viscosity (mm ² /s) | Dynamic Viscosity (mPa.s) |
|---|--|---------------------------------|
| 540 - 1500 | 0.24% | 0.29% |
| 1500 - 3600 | 0.26% | 0.31% |
| 3600 - 9000 | 0.27% | 0.32% |
| 9000 - 25500 | 0.30% | 0.34% |
| 25500 - 110000 | 0.31% | 0.35% |

The reported analysis was performed by a third party on behalf of Reagecon. This certificate and its reported results are not covered by Reagecon's scope of accreditation to ISO 17025 (INAB Ref. 264T)

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