



PRODUCT SPECIFICATION

SPECIFICATION

Product Name: **MOLHOOK OIL 32**

| PRIMARY TESTS | METHOD | SPECIFICATION | | |
|-------------------------------------|-------------------------------|------------------|-------|-------|
| | | MIN | TYP | MAX |
| Appearance | Visual | Clear and Bright | | |
| Colour | ASTM D1500 / TS 1713 ISO 2049 | L 0.5 | 1 | 2 |
| Emulsion Appearance | Visual | Milky | | |
| Density 15 °C, g/ml | ASTM D4052 / TS EN ISO 12185 | 0.865 | 0.875 | 0.900 |
| Viscosity 40 °C, mm ² /s | ASTM D445 / TS EN ISO 3104 | 29 | 32 | 35 |
| Emulsion pH, 20 °C | TS 4614 | 6 | 7 | 8 |
| EMK, 24 h | TS 11874 | Stable | | |
| Emulsion Stability Oil, ml | TS 11874 | Shoul not | | |
| Emulsion Stability Cream, ml | TS 11874 | 2 | | |

| SECONDARY TESTS | METHOD | SPECIFICATION | | |
|--|---------------------------------|--|--|--|
| Pour Point, °C | ASTM D97 / TS EN ISO 3016 | - 12 | | |
| Flash Point, °C (COC) | ASTM D92 / TS EN ISO 2592 | 200 | | |
| Copper Corrosion (100 °C, 3 h) | ASTM D130 / TS 2741 EN ISO 2160 | 1 | | |
| Low Temperature Stability -33 °C , 24 h | TS 11874 | Turbidity, sedimentation, gelation, phase separation should not be seen. | | |
| High Temperature Stability +45 °C , 24 h | TS 11874 | Turbidity, sedimentation, gelation, phase separation should not be seen. | | |

Usage: The desired product type and the desired feature (usually up to 8 -10 times) to be diluted with water.

| Document Code | Revision No/Date | Page No | Prepared | Checked | Approved |
|---------------|------------------|---------|-----------------------------|---------------------------|-----------------|
| KG-ÜS-132 | 06/11.08.2025 | 1/1 | FACTORY HSEQ & LAB. MANAGER | MANAGEMENT REPRESENTATIVE | FACTORY MANAGER |

* As the defined values are typical values, there can be some little changes according to the production. M Oil keeps all the rights to update and change the formulations of products without making any announcements. For the updated informations and technical data about the products and product packagings, please contact with M Oil.