

Daphne Plastic Quench HF

High Performance Polymer Quenchant

Description and Application

Daphne Plastic Quench HF is a low viscosity and high performance polymer quenchant. It can be used for induction hardening and other hardening process.

Daphne Plastic Quench HF can eliminate formation of sticky residue and reduce consumption due to its low viscosity. It also can extend sump life due to bio-resistance, contributing to operational cost saving.

Features and Benefits

- Excellent Cooling Performance: Provides a consistent and controlled cooling performance over a long service life.
- Less Residue: Can reduce sticky residue in the parts and keep working field clean.
- Less Consumption: Can reduce consumption due to low viscosity. It contributes for saving on operational costs.
- Excellent Bio-Resistance: Excellent bio-resistance resulting in less waste and down time.

Typical Test Data (Concentrated)

| Test Items | Units | Typical Value |
|---------------------------|-------|------------------|
| РН | - | 10.3 |
| Kinematic Viscosity @40°C | mm²/s | 21.81 |

Idemitsu Lubricants America Corporation

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Technical Data Sheet

Health and Safety

Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. To request the SDS, please email ila.sds@idemitsu.com

Idemitsu is ISO Certified

ISO 90001 ISO 14001







Typical Test Data properties are provided as reference and may vary slightly. They do not constitute a specification.

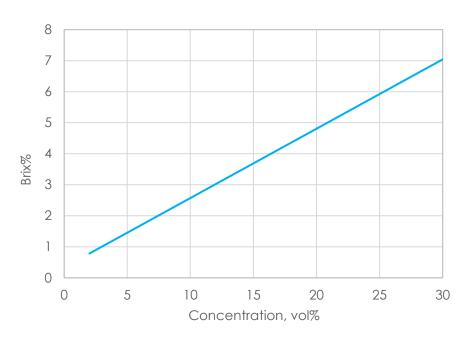
Product formulations and information contained herein are subject to change without notification.



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Refractometer Conversion Chart



| Test Items | Concentrated | 5vol% | 10vol% | 20vol% | 30vol% |
|---------------------------|--------------|--------|--------|--------|--------|
| Refractive Index @20°C | 1.3682 | 1.3348 | 1.3365 | 1.3400 | 1.3438 |
| Brix% | 22.59 | 1.25 | 2.45 | 4.87 | 7.40 |

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