



Technical Data Sheet

Head Office : 241, Hae Yang-Ro, Yeong Do-Gu, Busan, Korea Tel +82-51-403-6441 Fax +82-51-403-6440
Ulsan Plant : 91, Cheoyong-Ro 616 Beon-Gil, Nam-Gu, Ulsan, Korea Tel +82-52-256-7857 Fax +82-52-256-4070

FOMI 550 White Mineral Oil (Food Grade)

Product Description

FOMI 550 is an odourless, tasteless, crystal clear and food grade white mineral oil of the highest quality. This oil meets or exceeds requirements of US FDA Regulation 21 CFR 172.878, 21 CFR 178.3620(a) for food, food additives, EFfCI, HALAL, KOSHER, HACCP, and NSF standards are satisfied.

Typical Application

- Cosmetic
- Food processing plants
- Protective coating and release agent for food package
- Textile plants
- Plasticizer & extender
- Lubricant and rust preventative for food machinery and other equipment with food contact

Features

- Further refined paraffinic-based mineral oil which is specially treated for use in the food industry
- Low Pour Point
- Excellent colour stability
- Superior Thermal Stability
- Variable viscosities available upon request

Information on Ingredients

- CAS No: 8042-47-5 (White Mineral Oil)
- EINECS No: 232-455-8

Package Sizes

- 200L STEEL DRUM
- 24,000L IN ISO TANK
- 24,000L IN FLEXIBAG



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Product Specification & Typical Properties

Typical Properties	Test Method	Specification	Typical
Appearance	VISUAL		Bright & Clear
Odour & Taste		None	None
Colour, Saybolt	ASTM D 156	Min +30	+30
Density 15°C, g/cm	ASTM D 4052	Report	0.8710
Flash point °C	ASTM D 92	Min 240	254
Pour point °C	ASTM D 97	Max -24.0	-36.0
Aniline point °C	ASTM D 611	Min 120	125.0
Viscosity, SUS @ 100°F	ASTM D 2161	Max 500	530.0
Viscosity @ 40°C, mm ² /s	ASTM D 445	95.0 ~ 115.0	110.0
Viscosity @ 100°C, mm ² /s	ASTM D 445	Min 8.5	12.20
Refractive Index @20°C	ASTM D 1218	Report	1.4770
UV Absorbance 260-350nm	ASTM D 2269	Max 0.1	0.03
Average Molecular Weight	ASTM D 2502	Min 480	550
Hydrocarbons with Carbon number less than 25 wt%	ASTM D 2887	Max 5.0	3.1
Readily Carburizable Substances 95% H ₂ SO ₄	ASTM D 565		Pass

It meets the test requirements of US Pharmacopeia XX (1980) for readily carburizable substances and sulphur compounds. Above data is obtained from our resent manufacturing batch.

Health and Safety

- Detailed health and safety information for this product is provided in the Material Safety Data Sheet (MSDS), available upon request.

