

Product Data Sheet



EISHIN KAGAKU COMPANY , LTD.

— *NEO GLO* — Fluorescent penetrant inspection materials

AMS 2644 qualified product

POST EMULSIFIABLE PENETRANT Type 1 Method B,D &C

F-5L/1

Level 1

Low sensitivity

Fluorescent penetrant inspection is ideal for detecting fine defects. Fluorescent indications of defects are more perceptible to naked eye.

Water-washable penetrant are formulated to be directly the test surface, after a suitable dwell time. The excess penetrant on the test surface is removed with Hydrophilic or Lipophilic emulsifier and water by a coarse spray or wiping. After drying, apply developer, defects are observed as “fluorescent greenish yellow indication” under black light.

These products are qualified conforming to AMS 2644 and are listed on QPL-AMS 2644, and qualified by Japan Self-Defense Force, Aircraft manufacturers in U.S. and U.K., etc. as highly reliable inspection materials.

●APPLICATIONS

F-5L/1

Machine parts, automobile parts, aircraft parts, precision castings and forgings, special parts. aircraft engine parts.

● TYPICAL PROPERTIES

	F-5L/1
Color	Greenish yellow liquid
Odor	Petrol odor
Flash point	120 °C
Viscosity	11.0 cSt
Removability	It meets the requirement.
Corrosive properties	It meets the requirement.
Sensitivity	Level 1

★Combination emulsifier

Lipophilic :F-5E-SP/1
Hydrophilic :F-6E-W/1 (20% conc.)

★Companion Developers

Dry powder developer : F-5D/1
Water-suspendable developer : F-4W-SP/1
Non-aqueous wet developer : F-4S(NT)/1, R-1S(NT)/1

●CONTAINER

Can type: 3.8 and 18 liter can
Aerosol type: 420ml aerosol-can (only Non-aqueous wet developer)

●SPECIFICATION CONFORMANCE

AMS 2644, ASTM E-165, ASTM E1417, EN-ISO 3452-2, JIS Z 2343-2, ASME B&PV Code, Sec.V

●HEALTH AND SAFETY

Please, Read Safety Data Sheets before use.
Safety Data Sheets for these products are available from EISHIN or your EISHIN distributor.

ASIA'S DISTRIBUTOR



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