

NEO-GLO FB-3100KR Oil-water separation type fluorescent penetrant

FB-3100KR is an oil-water-separating fluorescent penetrant. Oil-water separation refers to a mechanism in which a lipophilic penetrant, which does not mix with water at all, is washed off with high-pressure water. The resulting wastewater is then separated into water and penetrant. The penetrant is processed as waste, while the water is recycled for reuse as washing water. The excess penetrant is easily removed with high-pressure water, while the penetrant inside defects is less likely to be over-washed, enabling highly reliable defect detection. Furthermore, the ability to recycle the washing wastewater significantly reduces wastewater treatment costs.

This product is used for quality inspections of castings, forgings, machined parts, and penetration leaks, among others.

■ FEATURES

- Preventive to over-washing, allowing stable inspections.
- Washing water can be recycled using oil-water separation equipment.
- Excellent wetting properties, allowing quick coverage of the test surface.
- Excellent penetration properties, allowing rapid detection of leaks.
- Features low odor and is an environmentally friendly product.

■ PROPERTIES

Color	Yellow Green
Odor	Petrol odor
Flash Point	>158°F / > 70°C
Viscosity	1.7 cSt
Fire Service Act	Class 4 and Class 3 petroleum (Non-water-soluble)

■ SPECIFICATION CONFORMANCE

* Please contact us regarding compliance to the latest standards and standards not listed in this TDS.

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■ APPLICATIONS

- Machined components
- Castings
- Forgings
- Leak detection

■ SPECIFICATION

NDT Method	Penetrant Testing (PT) / Oil-water separation type fluorescent penetrant
Type	Type I (Fluorescent)
Method	A (water washable)
Storage Temperature	40°F~104°F/5°C~40°C
Usage Temperature	General use: 50°F~122°F(10°C~50°C) Recycling system equipment: above 140°F(60°C)
Quality assurance period	3 years from the manufacturing date
Disposal	Dispose empty can in a safe manner in accordance with local/national regulations.

■ CONTAINER

Can Type: 3.8 L and 18 L Can, 200 L drum

■ SERVICE/CONTACT

Please be sure to read the SDS (Safety Data Sheet) before use.

Please download the SDS from our website or contact our nearest sales office or distributor.

For other inquiries about our products, please contact our nearest sales office.

Contact us →

