

## NEO-GLO FB-3100C Oil-water separation type fluorescent penetrant

FB-3100C is an oil-water separation type fluorescent penetrant. The oil-water separation mechanism uses a lipophilic penetrant that does not mix with water at all. It is rinsed with high water pressure, allowing the rinsing wastewater to separate into water and penetrant. The penetrant is disposed of as waste, while the water is recycled and reused for washing. Excess penetrant is easily washed away with high water pressure, while the penetrant inside defects is less likely to be over-washed, enabling highly reliable and sensitive defect detection. Recycling rinsing wastewater significantly reduces wastewater treatment costs.

FB-3100C is used for quality inspections of castings, forgings, machined components, and leak detection.

### ■ FEATURES

- Preventive to over-washing, allowing stable inspections.
- Enables recycling of washing water when used with oil-water separation equipment.
- Excellent wettability, quickly covering test surfaces.
- 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        | 1.8 cSt  |
| Fire Service Act | Class 4 and Class 3 petroleum<br>(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)<br>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.

