

PFINDER 550

CARRIER OIL

FOR MAGNETIC PARTICLE TESTING



Version 13 | 15.01.2025 | Page 1/1

DESCRIPTION

PFINDER 550 is a carrier oil for magnetic particle testing. In combination with magnetic particles (concentrates) such as PFINDER APELUX® B30 surface defects of magnetizable materials can be indicated under UV-light (365 nm).

APPLICATION

Add PFINDER magnetic powder (concentrate) according to instruction to carrier oil PFINDER 550.

For a homogenous suspension please ensure a sufficient circulation.

The capability of the magnetic particle suspension should be checked regularly by means of own reference pieces or e.g. reference block 1 according EN ISO 9934-3.

Process description according EN ISO 9934-1 see www.pfinder-ndt.com.



YOUR GREEN NDT BENEFITS

- | High flashpoint $\geq 100^{\circ}\text{C}$
- | Nearly odourless



YOUR HANDLING + COST SAVING BENEFITS

- | Low viscosity
- | Free from fluorescence

APPROVALS & CONFORMITIES

The product conforms to these specifications / is suitable for the use according to:

EN ISO 9934-2 | ASME V Art.7 |
ASTM E 1444 | ASTM E 709 |
AMS 2641

Low content of sulfur and halogens
according to EN ISO 9934-2.

PACKAGING

30-l-canister | 200-l-drum

These packages are on stock and instantly available. Other packages on demand.

SHELF-LIFE & STORAGE

5 years

Storage between $+5^{\circ}\text{C}$ to $+45^{\circ}\text{C}$ / $+40^{\circ}\text{F}$ to 105°F

CHARACTERISTIC DATA	Specification	Unit	Value
Density/20 °C	EN ISO 12185	kg/m ³	approx. 810
Viscosity/20 °C	ASTM D 445	mm ² /s	approx. 3,8
Flash Point		F	≥ 212