

# **Kingscote** **INDUSTRIES**

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## **TECHNICAL DATA SHEET**

### **EAGLITE NDT FLUID**

(Non-Destructive Testing Fluid)

NDT Fluid has been formulated to be used as a testing media for non destructive testing of nodular & cast iron castings. It can also be used as an excellent grinding fluid as well as for several months of indoor rust protection of steel parts. It has unsurpassed quality of non-foaming. Rust protection & clarity with high tolerance for the contamination. NDT Fluid does not contain any nitrite or nitrate thus avoiding the possibility of nitrosoamine formation (which has been found Carcinogenic in animals) while it is under use or staying in a drum. Its' wetting & rust prevention qualities are excellent. Since the NDT Fluid would not turn cloudy/milky at higher temps, one can use re-circulating/condensed warm water from the plant without affecting the clarity of the bath.

#### **SPECIFICATIONS:**

Color:	Available in Green or Amber Yellow
Odor:	Bland
Wt/Gal:	8.8#
Foam Test:	0.0" height of foam in blender test. Circulating pump also gave the same results.
pH:	7.4 – 8.4 (2% solution in water)
Corrosion Test:	(Cast iron chips) No rust for more than 8 weeks (3% solution in water)
Oil Emulsion:	Does not emulsify tramp oil.
Bath Make-Up:	3-7% by volume in water (10-15% recommended in highly corrosive environment)
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