

SHELF-LIFE CERTIFICATE

Bulk materials

The shelf life refers to the period during which we guarantee our product will perform as intended. For penetrants, emulsifiers, cleaners/removers, and magnetic article fluids in their original sealed containers, this period is five years from the date of manufacture. When stored in sealed containers and protected from contamination and deterioration (such as UV radiation and extreme temperatures), these products can remain effective for many additional years.

If there are concerns about product integrity, it should be tested for compliance with ASTM E 1417 or ASTM E 1444 standards. Compliance testing is recommended if the product is used beyond five years.

In-Use Products or Opened Containers

The lifespan of materials in opened containers depends primarily on the level and type of contamination, such as water, shop oils, and cleaning agents. Temperature, exposure to sunlight, UV light, and evaporation can also affect the material's lifespan. It is strongly recommended that in-use penetrant materials and magnetic particle suspensions be tested in accordance with ASTM E 1417 and ASTM E 1444.

Storage

The ideal storage temperature range for these materials is between 50°F(10°C) and 100°F(37.8°C). It is essential to avoid freezing temperatures, temperatures above 120°F(48.9°C), and prolonged exposure to sunlight.

