

Carrier Oil for Wet Method Magnetic Particle Inspection

ZChek-801 is a specially formulated for carrying magnetic particles in wet method. It is blended with highly refined additives which ensure good suspension of magnetic particles in the vehicle and eliminate the natural fluorescence of the oil. It has a flash point of over 200F (+93°C) which makes it safe to use.

FEATURES / BENEFITS

- High Flash Point
- No Background Fluorescence
- Low Odor
- Good Dispersion Stability
- Low Risk of Fire, Longer Bath Life
- Effective Visibility, No Masking of Indication
- Operator Comfort
- Provides Superior Wetting & Surface Coverage

APPLICATIONS

Used for wet method Magnetic Particle Inspection

CONFORMANCE / APPROVALS

- ASME B & PV Code, Sec V
- EN ISO 9934-2
- AMS 2641 Type-1
- ASTM E 709
- ASTM E1444/ E1444M

TYPICAL PROPERTIES

 Appearance	Clear, Transparent liquid
 Density	0.8 g / cc
 Odor	Minimal Negligible
 Viscosity	< 3 cSt
 Flash point	> 93 °C / 200 °F

DIRECTIONS FOR USE

- Fill the bath tank with ZChek-801 cart oil
- Mix the recommended quantities of magnetic particles (fluorescence / non-fluorescence)
- Allow the pump to run at least 15 minutes for proper mixture of MPI liquid to ensure uniform dispersion
- Check the concentration before use.
- Follow ASTM E1444 for the further processing.

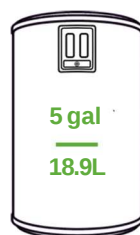
Usage Temperature: +41 to +122 °F / +5 to +50 °C

Storage Temperature: +50 to +122 °F / +10 to +50 °C

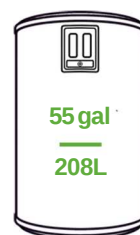
HEALTH & SAFETY

Information on Health & Safety is made available through material safety data sheets and the same can be reviewed through the company's website.

PACK SIZES



Part #111603



Part #111605

STORAGE & SHELF LIFE

Bulk packing have a Shelf Life of 5 Years, if unopened and store as per ZChem recommendations.