

MAGNAGLO®

CARRIER II OIL VEHICLE

General Description:

Carrier II is a wet (oil) method magnetic particle oil carrier. The carrier is used to suspend wet (oil) method magnetic particles when water is not used as a suspension vehicle. The carrier allows for good particle mobility and suspendibility. The carrier has a flash point over 200°F meeting the OSHA requirements for a Class III B liquid. Carrier II is virtually odorless.

Composition:

Carrier II is composed of white mineral oil.

Typical Properties (Not a Specification):

Color:	Clear, very pale yellow non-fluorescent liquid
Density:	6.7 lbs./gal.
Flash Point:	More than 200°F (93.3°C) (P.M.C.C.)
Viscosity @ 100°F	Less than 3.0 cs. (see graph on page 2)
Sulfur:	Less than 1000 ppm
Chlorine:	Less than 1000 ppm
Odor:	Very mild
Fluorescence:	Negligible

Bath Preparation:

Fill tank or container to proper level with Carrier II. Start agitation, weigh out wet method (oil) magnetic particles and add to bath. Continue agitation for several minutes and then test concentration by the settling tube method. If the concentration is high, add vehicle, if low, add particles.

	7C Black	9C Red	14A	MG-410
Recommended Concentration	1.25 oz./gal.	1.25 oz./gal.	1/6 oz./gal.	1/10 oz./gal.
60 Minute Settling Volume (Typical)	1.30 ml	1.55 ml	0.21 ml	0.08 ml

Specification Compliance:

ASTM E-1444; ASTM E-709; Pratt & Whitney PMC 1887; A-A-59230; ASME B & PV Code, Sec. V; AMS-2641

Container Size:

5 gallon pail, 20 gallon drum, 55 gallon drum

MAGNAFLUX®

CARRIER II

