

MAGNAVIS®

MAGNAVIS 7HF

BLACK VISIBLE MAGNETIC
PARTICLE – WET METHOD
PREPARED BATH

General Description

Magnavis® 7HF prepared bath is intended for spot inspection for difficult to process situations where bulk processing is impractical.

7HF is supplied in aerosol containers only.

Composition

Magnavis® 7HF is composed of 7C Black magnetic powder suspended in a low volatility mineral oil.



Typical Properties (not a specification)

Property	7HF
Colour	Black
Settling volume	About 1.5 ml @ 60 minutes
Temperature range	10 – 50 deg C

Like all Magnaflux materials Magnavis 7HF is closely controlled to provide unique batch to batch consistency and uniformity to assure optimum process control and inspection reliability.



Method of Use

- Aerosol spray is the only possible method of application. First, make sure that the inspected surfaces are clean and dry.
- For permanently magnetized parts, shake can until agitator rattles; cover surface with spray.
- When using the continuous magnetizing method, fix the part in the magnetizing unit, cover the surface quickly with 7HF Black spray, and immediately magnetize the part.

Post Inspection Cleaning

Demagnetize the part, and wipe clean with rags dampened with either water or solvent.

Complete removal of 7HF magnetic particle materials will be impossible if the part is not demagnetized.

Specification Compliance

Specification	7 HF
ASME B & PV Code, Sec V	✓
ASTM E 709	✓
ASTM E 1444	✓
AMS 3041	✓
AMS 3043	✓
Boeing PS -21201	✓
ISO 9934-2	✓

Availability

7HF is available as aerosols, part number **F03032**

Health and Safety

- Safety Data Sheets for this product are available on request from your Magnaflux distributor or via the Magnaflux website (www.in.magnaflux.com).
- Read the relevant Safety Data Sheets before use.

ITW INDIA PRIVATE LIMITED,
 Plot No: 51, 52, 207 & 208, Phase – 2,
 IDA, TSIIIC, Pashamylaram,
 Sangareddy Dist.-502307,
 Telangana, India

Tel: +91 8455 224710 Fax: +91 8455 224709
 Email: magnafluxinfo@magnafluxindia.com
www.in.magnaflux.com

F/MKTG/102/02 Rev 08/2020

