5-1/8 in HMX SH Shaped Charge

Part No. 100157011

PROPER SHIPPING NAME
UN0440, CHARGES, SHAPED, 1.4D, PGII

CE Certificate No. CE0519, ENB/B/036
DOT EX No. EX1996080028

Technical Drawing

Technical Information

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (w/ cold drawn steel):
- Diameter: 5-1/8 inch (130.3 mm) OD
- Collapse rating: 18,000 psi (1,241 bar)
- Tensile rating: 520,000 lb (235,868 kg)

EXPLOSIVES:
Booster: Pure RDX, 2g
Main load: Desensitized RDX, 30 g
Density: > 1.5 g/cm³

TEMPERATURE LIMITS:
400 F / 204 C  1 h
338 F / 170 C  24 h
310 F / 154 C  100 h

PERFORMANCE:
Registered API 19B Section 1 data:
- Hole Diameter: N/A
- Penetration: N/A
Manufacturing quality control data:
- Hole Diameter: 1.00 in (25.4 mm)
- Penetration: 6.92 in (175.8 mm)

SHELF LIFE:
10 years when stored unopened in original packaging. Storage temperature:
0 C / 32 F min  54 C / 130 F max

DISPOSAL:
Dispose of product not suitable for oilfield use according to applicable laws and regulations.

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