3 3/8 in. HMX BH Shaped Charge

Part No.: 100005312
CE Certificate No.: CE0519, ENB/B/036
DOT EX No.: EX1996080028

PROPER SHIPPING NAME
UN0440, CHARGES, SHAPED, 1.4D, PG II

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (w/ cold drawn steel):
- Diameter: 3.375 inch (85.7 mm) OD
- Collapse rating: 23,000 psi (1,586 bar)
- Tensile rating: 238,000 lbs (107,955 kg)

EXPLOSIVES:
Booster: Pure HMX, 1g
Main load: Desensitized HMX, 13.05 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: .55 in (13.97 mm)
- Penetration: 4.1 in (104.1 mm)
Manufacturing quality control data:
- Hole Diameter: 0.63 in (16 mm)
- Penetration: 5.29 in (134.4 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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