7 in. 15SPF, MIRAGE™ HMX BH Shaped Charge

Part No.: 101716920

CE Certificate No.: CE0519, ENB/B/036

DOT EX No.: EX2009020083

PROPER SHIPPING NAME

UN0059, CHARGES, SHAPED, 1.1D, PG II

Technical Drawing

Technical Information

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (w/ cold drawn steel):
- Diameter: 7.00 inch (101.6 mm) OD
- Collapse rating: 30,000 psi (2,068 bar)
- Tensile rating: 946,946 lbs (429,527 kg)

EXPLOSIVES:
Booster: Pure HMX, 1g
Main load: Desensitized HMX, 44 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: 0.85 in (21.6 mm)
- Penetration: 4.8 in (21.2 mm)
Manufacturing quality control data:
- Hole Diameter: 1.11 in (28.2 mm)
- Penetration: 6.8 in (172.7 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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