

# DANIEL OILFIELD TOOLS, INC.

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## Product Overview

The Daniel Oilfield #10 POWER CHARGES are manufactured using a proprietary mixture and to a Military Specs. They are used in conjunction with BP-3S or BP-5S to provide an economical power source for E-4 wireline pressure setting assemblies (W.L.P.S.A.). A BP-3S or BP-5S Igniter, (Product Family No. EXP-1375-BP3) will fire when a sufficient electrical current is passed through it. The Secondary Igniter, (Product Family No. EXP-7250-SCI) is ignited when the Igniter fires and is blown down on top of the Power Charge. As the secondary burns, it initiates the Power Charge. These Power Charges contain a military Technical grade ingredients, proven to operate under extreme conditions. They are manufactured without any cardboard or metal tubes surrounding the Power Charge. Daniel Oilfield Tools conducted extensive testing on its Power Charges to improve reliability when exposed to High Temperatures and High Pressures. The Charge endured repeated thermal cycling ranging from sub-zero temperatures to 400°F (204°C) which showed no significant changes in burn rate and Temperature Vs. Pressure Plot .



## Applications

Unconventional and conventional reservoirs Deep-water wells. Used with the Baker Hughes E-4™ wireline pressure setting assembly and compatible wireline. setting tools to set packers, cement retainers, bridge plugs and other products. The secondary igniter is used in all sizes of the E-4 and the E-5 setting tools.

## BENEFITS

Military Technical Grade Material

Naked Power Charge Design

HP/HT

Competitive Prices

Quantity per box	10 pcs
Gross Weight per box	4.1 Kg
Net Explosive Weight per Box	3.6 Kg
Unit Power Charge Weight	360 g
Dimensions of Box	14 x 8 x 8
Product Weight/M	360 g
Package Type	Carton + Vaccum Bag

## SHELF LIFE

7 YEARS

## STORAGE

All Power Charges and Igniters should be stored in a Dry and Cool Place. Exposure to excessive heat will reduce shelf life and should be avoided. Exposure to moisture will degrade the performance of Power Charges and Igniters. Do not use Primary or Secondary Igniters that have been opened for extended periods.