



IPU Starting Case Study

Hydraulic Starting Solutions

APPLICATION: Fire Pump
LOCATION: BMS Algeria
ENGINE: CFP9E-F30

SOLUTION:

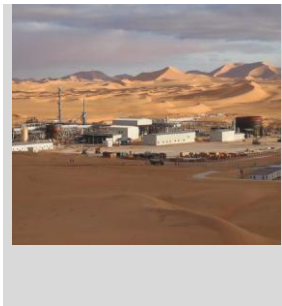
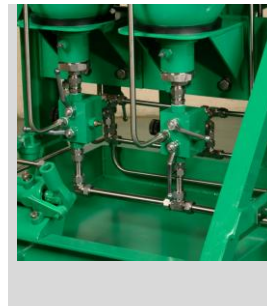
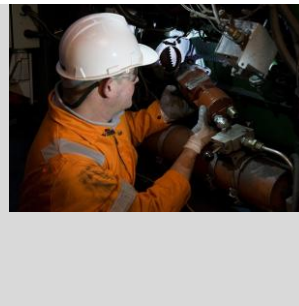
The BMS Field Algeria is in the Sahara Desert located 60km from any existing infrastructure.

IPU designed and manufactured the backup hydraulic starting system for a diesel engine driven emergency fire pump. To start the 9 litre Cummins engine, the system was designed to comply with NFPA20 regulations; providing a starting capacity of six start attempts, 15 seconds each.

The accumulators supplied can be recharged through both hand pump and/or a hazardous area electric motor, which automatically refills the accumulators on pressure drop during start up.

The system was certified in accordance with ASME for the pressure vessels and fabricated parts. All items are suitable for use in both the harsh climate and hazardous area.

For more information contact a member of our Starting Sales Team on +44 (0) 121 511 0400



IPU GROUP Engine Starting Division

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