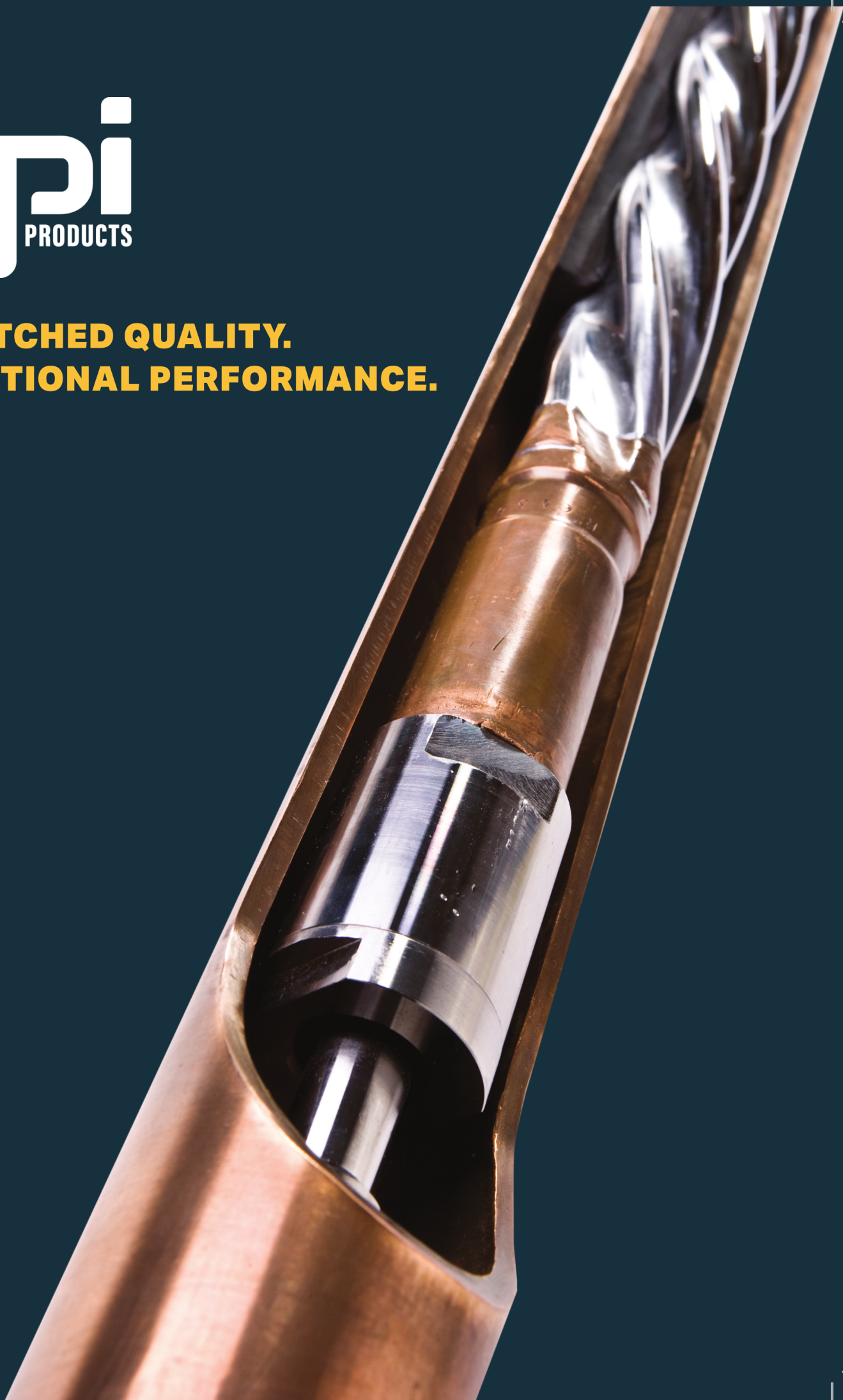




**UNMATCHED QUALITY.  
EXCEPTIONAL PERFORMANCE.**



## 2 3/8" 5/6 LOBE 4.0 STAGE

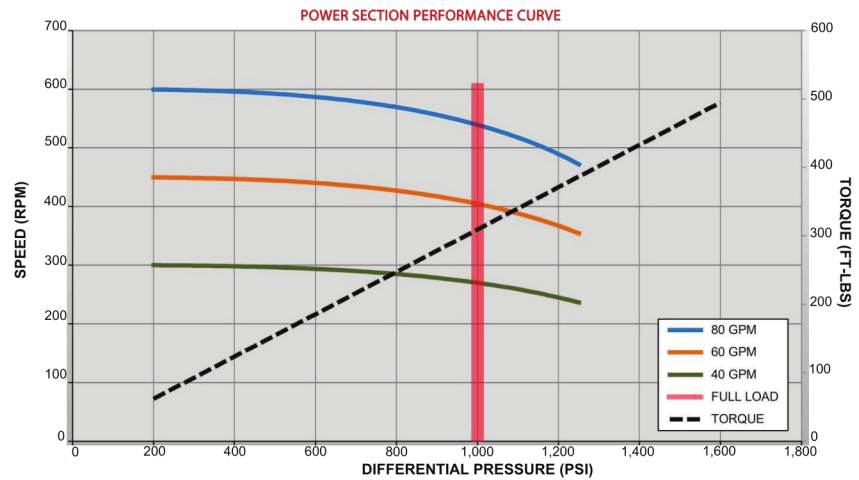
- » 2 3/8" 5/6 Lobe 4.0 stage
- » Medium Speed / High Torque
- » Hard Rock / Versatile DHM
- » Used at deeper depths in mineral Exploration Market
- » Requires 70 gpm High Pressure pump



Configuration

### 2 3/8" 5/6 LOBE 4.0 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 40-80 GPM   | 151-303 LPM |
| MAX TORQUE               | 495 FT/LBS  | 671 Nm      |
| RPM @ FULL LOAD          | 270-540 RPM | 270-540 RPM |
| DIFFERENTIAL @ FULL LOAD | 1000 PSI    | 6.9 MPa     |
| LENGTH                   | 72 in       | 182.9 cm    |



### 2 3/8" 5/6 LOBE 6.0 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 20-50 GPM   | 80-190 LPM  |
| MAX TORQUE               | 375 FT/LBS  | 508 Nm      |
| RPM @ FULL LOAD          | 245-611 RPM | 245-611 RPM |
| DIFFERENTIAL @ FULL LOAD | 1500 PSI    | 10.3 MPa    |
| LENGTH                   | 92 in       | 233.7 cm    |

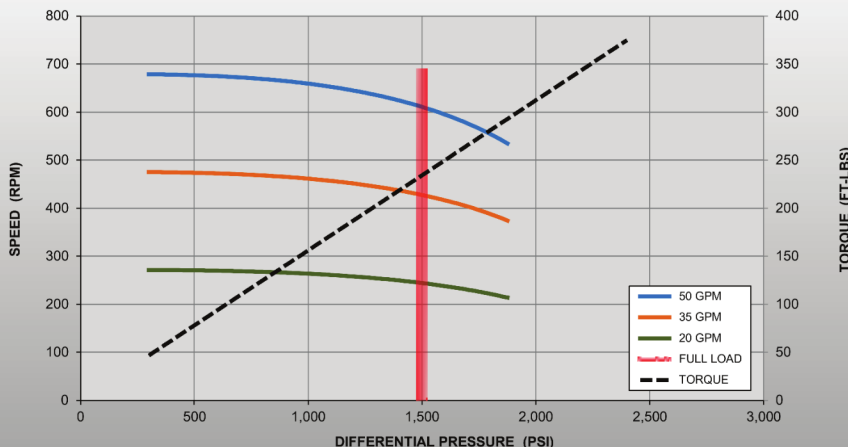
## 2 3/8" 5/6 LOBE 6.0 STAGE

- » Medium Speed / High Torque
- » Hard Rock / Versatile DHM
- » Smaller core than the 2385640 give similar performance with less gpm



Configuration

PERFORMANCE CURVE







Learn more about the gear  
by scanning here

## 2 3/8" 4/5 LOBE 6.0 STAGE

- » High Speed / Low Torque
- » Hard Rock

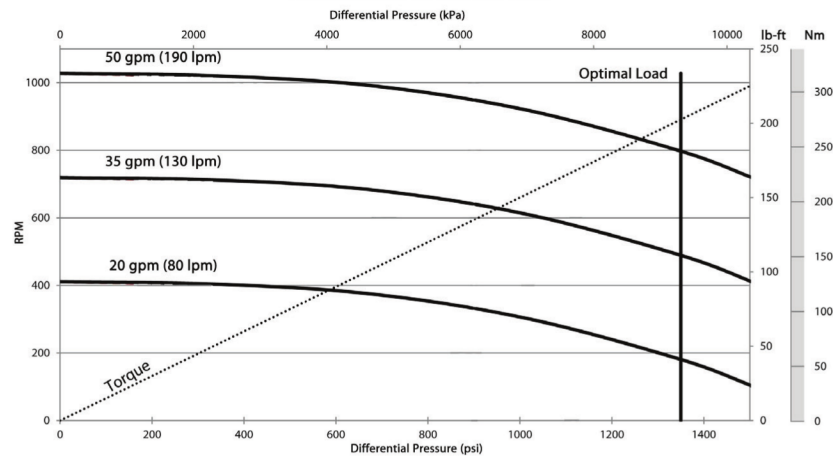


Configuration

### 2 3/8" 4/5 LOBE 6.0 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 20-50 GPM   | 80-190 LPM  |
| MAX TORQUE               | 200 FT/LBS  | 508 Nm      |
| RPM @ FULL LOAD          | 190-800 RPM | 190-800 RPM |
| DIFFERENTIAL @ FULL LOAD | 1350 PSI    | 10.3 MPa    |
| LENGTH                   | 87.25 in    | 221 cm      |

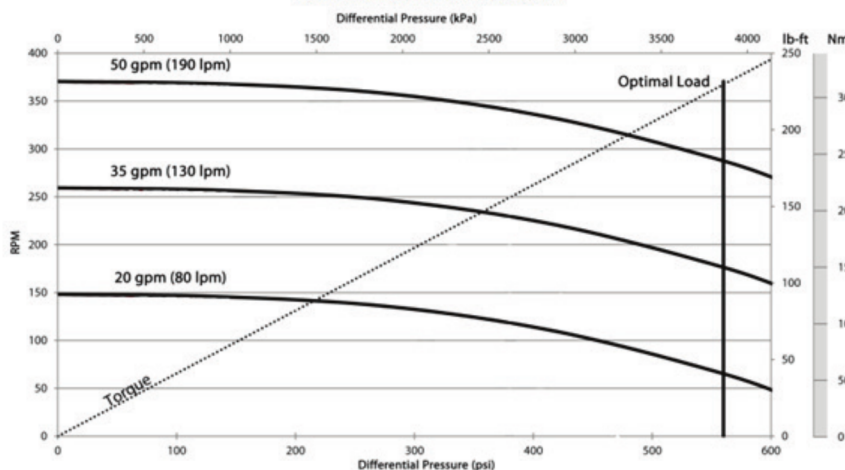
POWER SECTION PERFORMANCE CURVE



### 2 3/8" 5/6 LOBE 2.5 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 20-50 GPM   | 80-190 LPM  |
| MAX TORQUE               | 230 FT/LBS  | 508 Nm      |
| RPM @ FULL LOAD          | 140-348 RPM | 140-348 RPM |
| DIFFERENTIAL @ FULL LOAD | 560 PSI     | 3860 kPa    |
| LENGTH                   | 109 in      | 277 cm      |

POWER SECTION PERFORMANCE CURVE



## 2 3/8" 5/6 LOBE 2.5 STAGE

- » Medium Speed / Medium Torque
- » Versatile Mud Motor used for various small diameter applications
- » Work Horse in the Coal Industry



Configuration

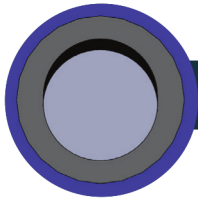


2.38"

DOWN HOLE MOTORS

## 2 3/8" 1/2 LOBE 6 STAGE

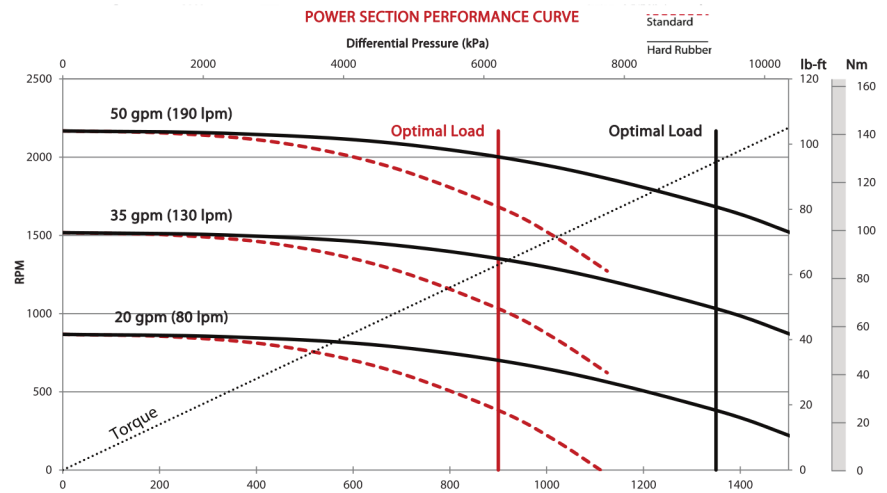
- » High Speed / Low Torque
- » Hard Rock Drilling



Configuration

### 2 3/8" 1/2 LOBE 6.0 STAGE

| SPECIFICATION            | IMPERIAL     | METRIC       |
|--------------------------|--------------|--------------|
| OPERATING FLOW           | 20-50 GPM    | 80-190 LPM   |
| MAX TORQUE               | 90 FT/LBS    | 508 Nm       |
| RPM @ FULL LOAD          | 870-2170 RPM | 870-2170 RPM |
| DIFFERENTIAL @ FULL LOAD | 560 PSI      | 3860 kPa     |
| LENGTH                   | 114.6 in     | 291.084 cm   |



SUPERIOR PRODUCTS AND SERVICES MADE BY  
DRILLERS FOR DRILLERS.

## 2 7/8" 4/5 LOBE 3 STAGE

- » Medium Speed / Medium Torque
- » Most Versatile Down Hole Motor.
- » Easy to Side Track / Steer

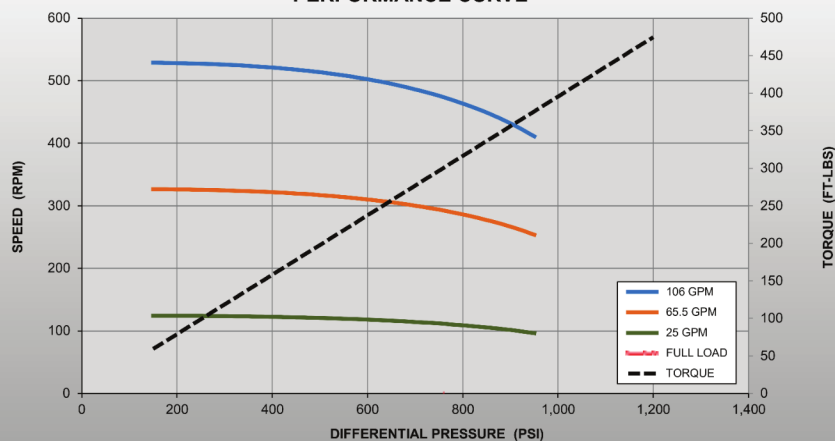


Configuration

### 2 7/8" 4/5 LOBE 3.0 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 25-106 GPM  | 95- 400 LPM |
| MAX TORQUE               | 475 FT/LBS  | 644 Nm      |
| RPM @ FULL LOAD          | 112-476 RPM | 112-476 RPM |
| DIFFERENTIAL @ FULL LOAD | 750 PSI     | 5.2 MPa     |
| LENGTH                   | 77 in       | 195.58 cm   |

PERFORMANCE CURVE



### 2 7/8" 5/6 LOBE 4.0 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 50-125 GPM  | 50-125 GPM  |
| MAX TORQUE               | 1200 FT/LBS | 1,627 Nm    |
| RPM @ FULL LOAD          | 175-437 RPM | 175-437 RPM |
| DIFFERENTIAL @ FULL LOAD | 1000 PSI    | 6.9 MPa     |
| LENGTH                   | 96 in       | 243.8 cm    |

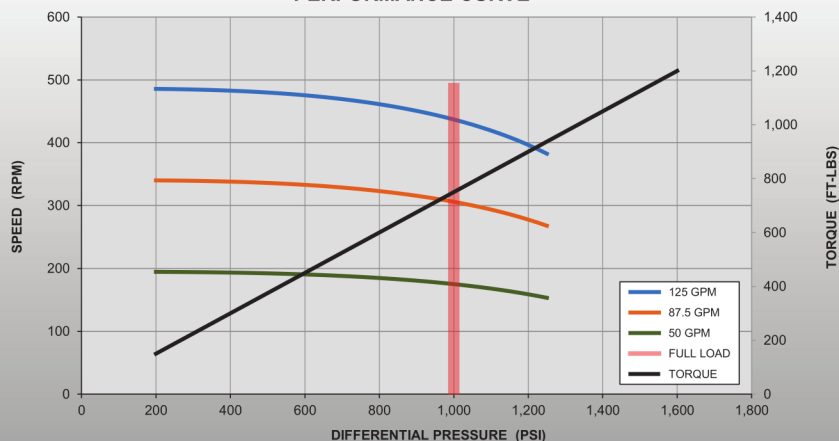
## 2 7/8" 5/6 LOBE 4 STAGE

- » 2 7/8" 5/6 Lobe 4 Stage
- » Medium Speed / High Torque
- » Hard Rock Drilling
- » High Penetration Rate



Configuration

PERFORMANCE CURVE



## 2 7/8" 7/8 LOBE 3.5 STAGE

- » 2 7/8" 7/8 Lobe 3.5 Stage
- » Medium Speed / High Torque
- » Hard Rock Drilling
- » Reaming / Hole Opening / Tricone Bits

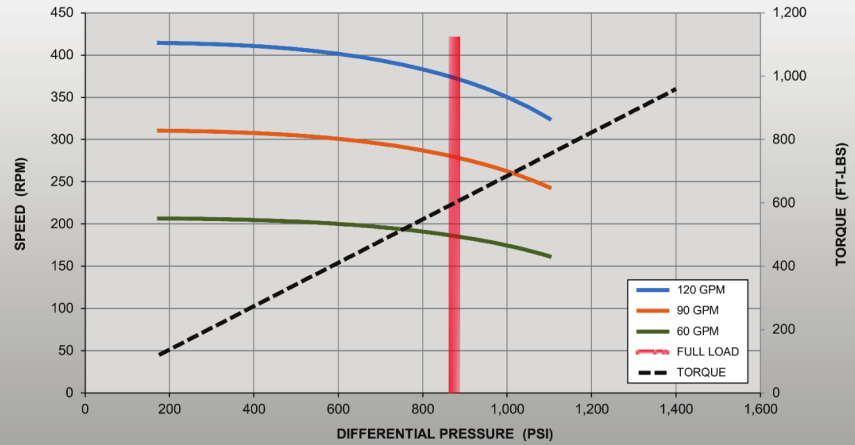


Configuration

### 2 7/8" 7/8 LOBE 3.5 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 60-120 GPM  | 227-454 LPM |
| MAX TORQUE               | 960 FT/LBS  | 1,302 Nm    |
| RPM @ FULL LOAD          | 186-373 RPM | 186-373 RPM |
| DIFFERENTIAL @ FULL LOAD | 875 PSI     | 6.0 MPa     |
| LENGTH                   | 80 in       | 203.2 cm    |

PERFORMANCE CURVE



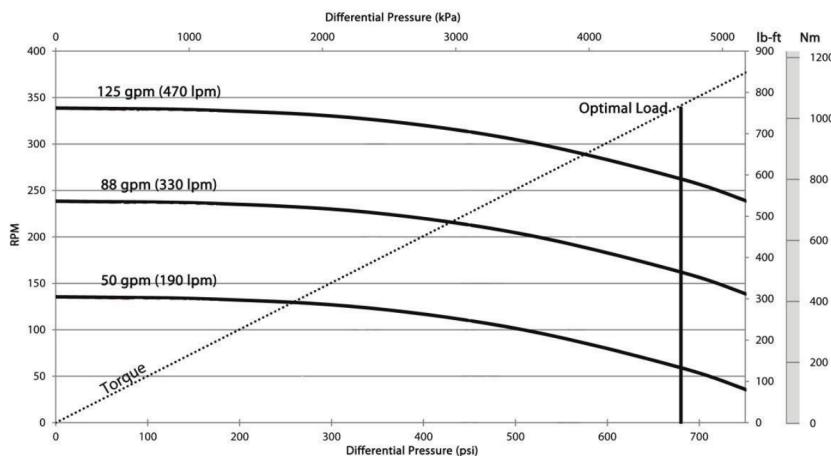
### 2 7/8" 7/8 LOBE 3.0 STAGE

| SPECIFICATION            | IMPERIAL   | METRIC     |
|--------------------------|------------|------------|
| OPERATING FLOW           | 50-125 GPM | 50-125 GPM |
| MAX TORQUE               | 770 FT/LBS | 1,302 Nm   |
| RPM @ FULL LOAD          | 60-260 RPM | 60-260 RPM |
| DIFFERENTIAL @ FULL LOAD | 680 PSI    | 4690 KPa   |

## 2 7/8" 7/8 LOBE 3.0 STAGE

- » Low Speed / High Torque
- » Reaming / Hole Opening / Tricone Bits

POWER SECTION PERFORMANCE CURVE



Configuration





Learn more about the gear  
by scanning here

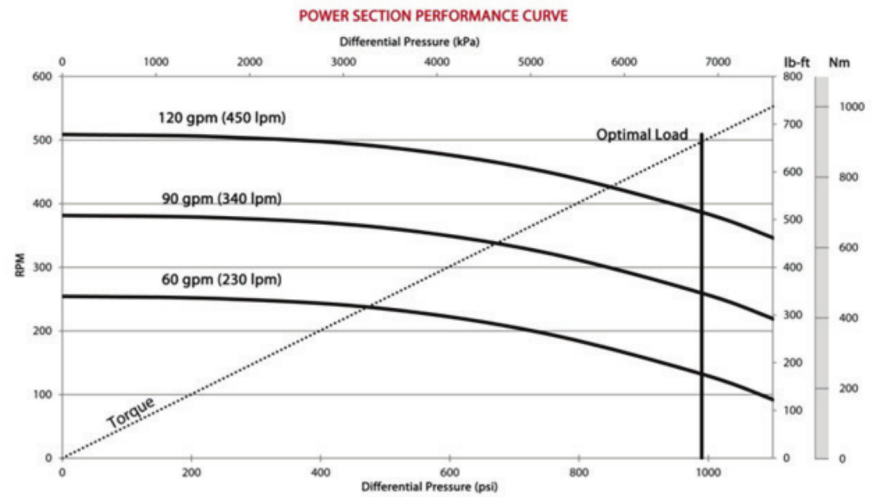
## 2 7/8" 5/6 LOBE 3.3 STAGE EVENWALL

- » Medium Speed / Medium Torq
- » Evenwall design improves performance and elastomer life.
- » Hard Rock / Coal



Configuration

| 2 7/8" 5/6 LOBE 3.3 STAGE EVENWALL |             |             |
|------------------------------------|-------------|-------------|
| SPECIFICATION                      | IMPERIAL    | METRIC      |
| OPERATING FLOW                     | 60-120 GPM  | 60-120 GPM  |
| MAX TORQUE                         | 660 FT/LBS  | 890 Nm      |
| RPM @ FULL LOAD                    | 120-390 RPM | 120-390 RPM |
| DIFFERENTIAL @ FULL LOAD           | 990 PSI     | 6830 KPa    |



## 2 7/8" 3/4 LOBE 5.0 STAGE

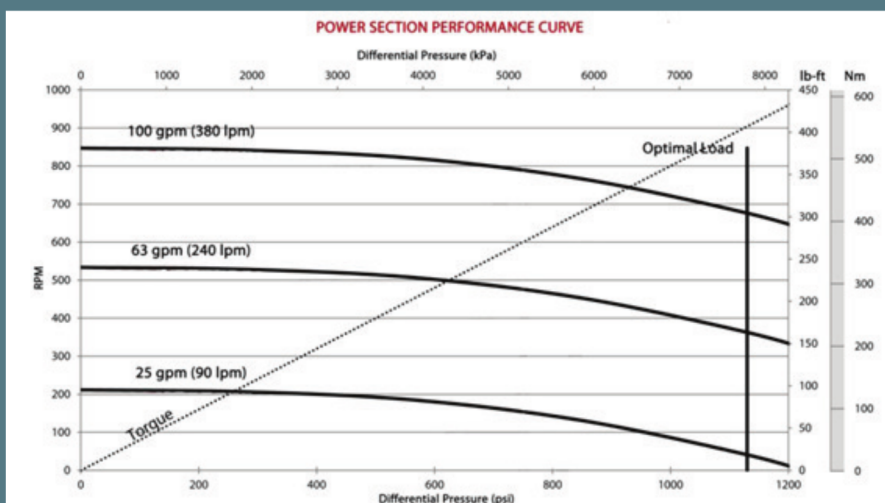
| SPECIFICATION            | IMPERIAL   | METRIC     |
|--------------------------|------------|------------|
| OPERATING FLOW           | 25-100 GPM | 25-100 GPM |
| MAX TORQUE               | 410 FT/LBS | 560 Nm     |
| RPM @ FULL LOAD          | 30-680 RPM | 30-680 RPM |
| DIFFERENTIAL @ FULL LOAD | 1130 PSI   | 7790 KPa   |

## 2 7/8" 3/4 LOBE 5 STAGE

- » High Speed / Med-Low Torq
- » Hard Rock Drilling



Configuration





2.88"

DOWN HOLE MOTORS

## 2 7/8" 1/2 LOBE 5 STAGE

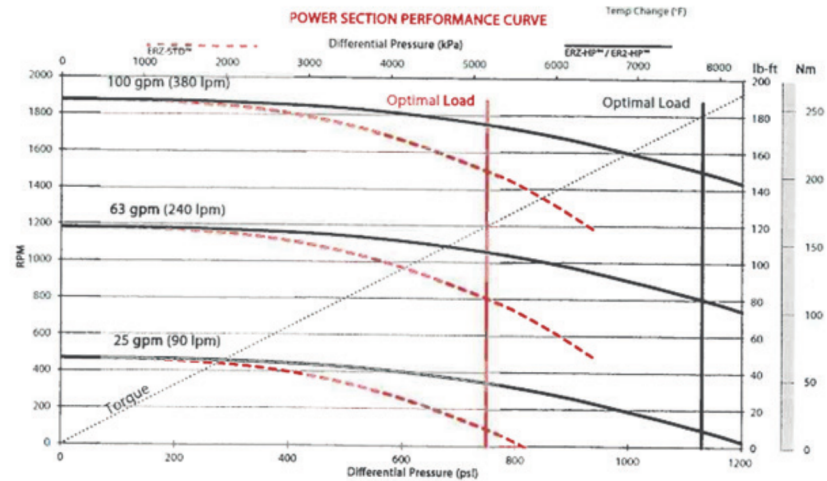
- » High Speed / Low Torque
- » Hard Rock Drilling



Configuration

### 2 7/8" 1/2 LOBE 5.0 STAGE

| SPECIFICATION            | IMPERIAL     | METRIC       |
|--------------------------|--------------|--------------|
| OPERATING FLOW           | 25-100 GPM   | 25-100 GPM   |
| MAX TORQUE               | 180 FT/LBS   | 244 Nm       |
| RPM @ FULL LOAD          | 470-1880 RPM | 470-1880 RPM |
| DIFFERENTIAL @ FULL LOAD | 1130 PSI     | 7790 KPa     |
| LENGTH                   | 124 in       | 313.9 cm     |



**WE BRING REAL-WORLD EXPERIENCE  
AND THE MEANS TO DELIVER  
EQUIPMENT ON-DEMAND TO  
ANYWHERE IN THE WORLD.**



## 3.50" DOWN HOLE MOTORS

### 3 1/2" 5/6 LOBE 3 STAGE

- » Medium Speed / High Torque
- » 75-150 gpm pump required

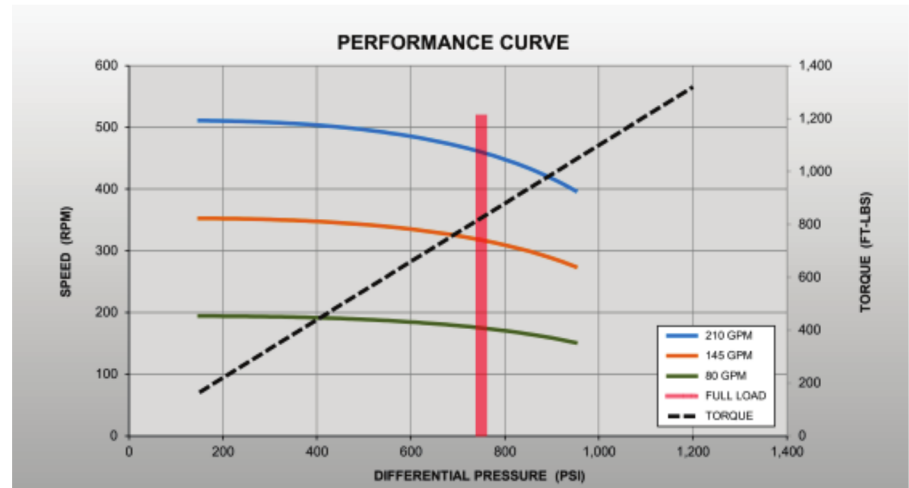


Configuration

#### SECTION: 3.50" DOWN HOLE MOTORS

### 3.50" 5/6 LOBE 3.0 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 80-210 GPM  | 80-210 GPM  |
| MAX TORQUE               | 1320 FT/LBS | 1790 Nm     |
| RPM @ FULL LOAD          | 175-460 RPM | 175-460 RPM |
| DIFFERENTIAL @ FULL LOAD | 750 PSI     | 5.2 MPa     |
| LENGTH                   | 80 in       | 195.6 cm    |

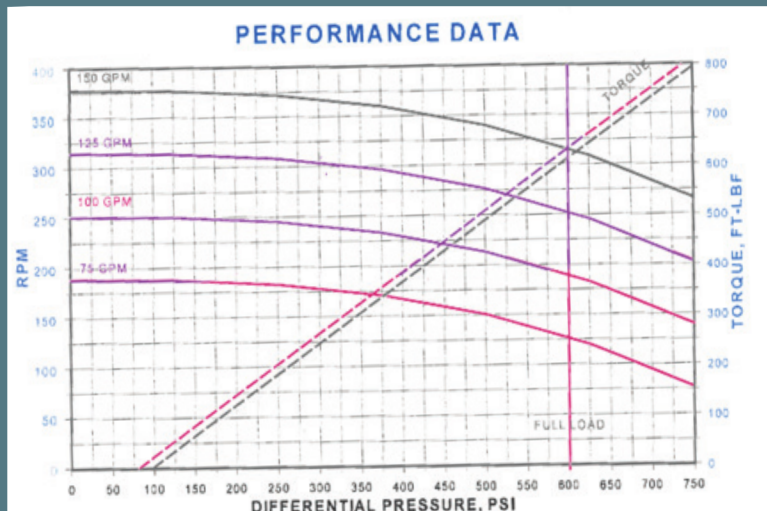


### 3.50" 4/5 LOBE 4.0 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 75-150 GPM  | 75-150 GPM  |
| MAX TORQUE               | 650 FT/LBS  | 882 Nm      |
| RPM @ FULL LOAD          | 125-325 RPM | 125-325 RPM |
| DIFFERENTIAL @ FULL LOAD | 600 PSI     | 4.1 MPa     |

### 3 1/2" 4/5 LOBE 4 STAGE NON MAG

- » Medium Speed / Medium Torque
- » 75-150 gpm pump required



Configuration

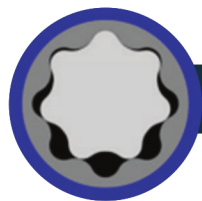


# 3.50"

## DOWN HOLE MOTORS

## 3 1/2" 7/8 LOBE 4.1 STAGE

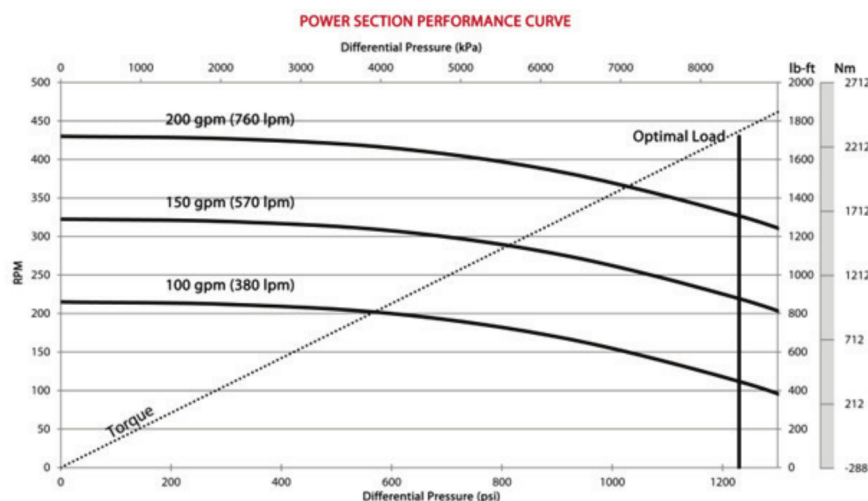
- » Low Speed / High Torque
- » 100-210 GPM pump required



Configuration

### 3.50" 7/8 LOBE 4.1 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 100-220 GPM | 100-220 GPM |
| MAX TORQUE               | 1750 FT/LBS | 2370 Nm     |
| RPM @ FULL LOAD          | 125-325 RPM | 125-325 RPM |
| DIFFERENTIAL @ FULL LOAD | 1230 PSI    | 8480 kPa    |

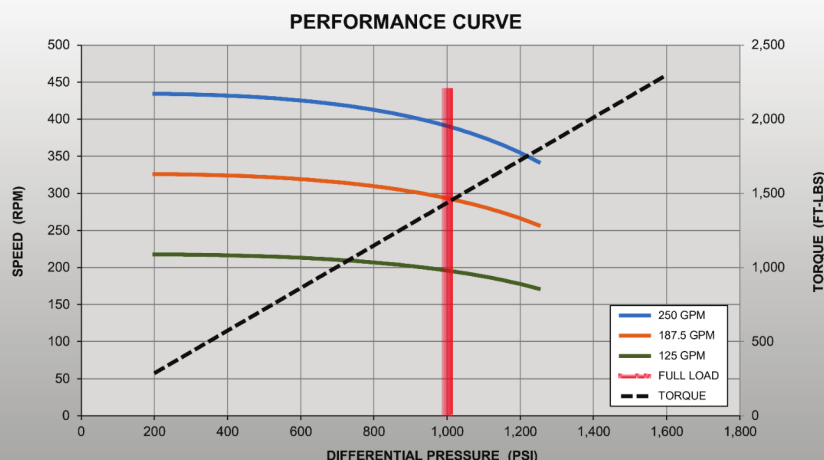


### 3.50" 5/6 LOBE 4.0 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 125-250 GPM | 125-250 GPM |
| MAX TORQUE               | 2300 FT/LBS | 3118 Nm     |
| RPM @ FULL LOAD          | 196-391 RPM | 196-391 RPM |
| DIFFERENTIAL @ FULL LOAD | 1000 PSI    | 6.9 MPa     |
| LENGTH                   | 114 in      | 289.6 cm    |

## 3 1/2" 5/6 LOBE 4 STAGE

- » Medium Speed / High Torque / High Flow
- » 150-250 gpm pump required



Configuration







Learn more about the gear  
by scanning here

## 3 1/2" 7/8 LOBE 4.5 STAGE

- » Medium Speed / High Torque
- » 100-210 GPM pump required

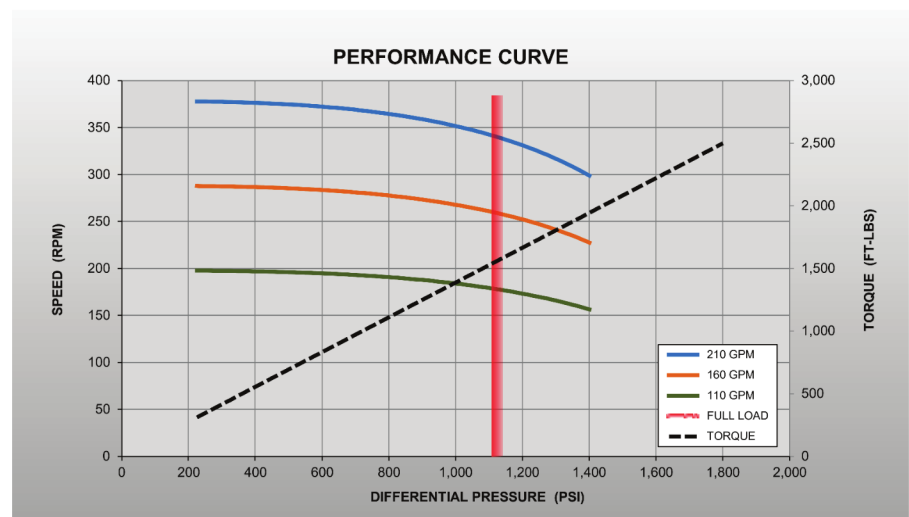


Configuration

### SECTION: 3.50" DOWN HOLE MOTORS

#### 3.50" 7/8 LOBE 4.5 STAGE

| SPECIFICATION            | IMPERIAL    | METRIC      |
|--------------------------|-------------|-------------|
| OPERATING FLOW           | 110-210 GPM | 110-210 GPM |
| MAX TORQUE               | 2500 FT/LBS | 3390 Nm     |
| RPM @ FULL LOAD          | 178-340 RPM | 178-340 RPM |
| DIFFERENTIAL @ FULL LOAD | 1125 PSI    | 7.8 MPa     |
| LENGTH                   | 115 in      | 292.1 cm    |



DPI has developed unique and reliable directional drilling technology, including EDGE high torque downhole motors, advanced LWD and MWD technology with on-drill computer Directional Drilling Management System (DDMS), and drill string communications systems Rod Communication Systems (RCS). DPI was formed in 2008 to market our field proven technology world-wide.





## *OPTIONAL EQUIPMENT*

Superior Products And Services Made By Drillers For Drillers.

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OPTIONAL EQUIPMENT DOWN HOLE MOTORS





## 0-1 ADJUSTABLE HOUSING

DPI's 0-1 adjustable housing features the following:

- » Simple Angle Adjustments using teeth inside the housing to provide consistent bend adjustments to adapt quickly to your changing drilling needs.
- » TC Buttons provide protection to the power section.



## 0-3 ADJUSTABLE HOUSING

DPI's 0-3 adjustable housing features the following:

- » Simple Angle Adjustments
- » Infinitely adjustable from 0-3 degrees (0-4 also available)
- » Replaceable wear pads

## POWER SECTIONS

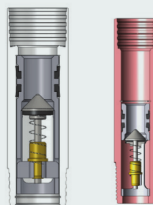


- » DPI's Power Sections contain the most advanced elastomers to ensure the longest and best performing motors.
- » DPI has worked closely with manufactures to develop products suited for ambient temperatures experienced in the exploration and HDD markets as well as higher temperatures in the oilfield.
- » DPI has the experience to select the proper power section for your directional drilling needs. Available in Steel / Non-magnetic configurations.



## FIXED BENT/ KICK HOUSINGS

- » DPI offers straight and fixed bent housings in increments from 0-2 degrees in the following configurations:
- » Slick
- » TSP
- » Laser Hard Faced



## TOP SUBS / FLOAT SUBS

- » Float or Non-Return Valves create a barrier to prevent unwanted cuttings and fluids up the drill string.
- » DPI stocks Top Subs in many different thread configurations.
- » Non-mag and steel available.

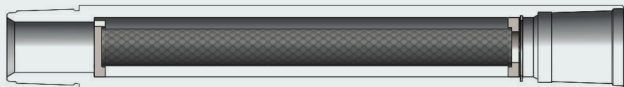




Learn more about the gear  
by scanning here

## SCREEN SUBS

- » Protects the DHM from highly abrasive solids to extend the performance life.



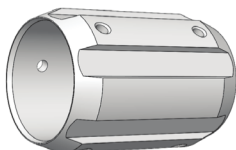
## U JOINT ASSEMBLIES

- » DPI's heavy-duty U-Joints are designed to efficiently transfer the high levels of torque produced by our power sections and have the durability to withstand hundreds of hours of use.



## STABILIZERS

- » Centralizes the DHM inside the hole.
- » Various sizes and options available.



## BEARING ASSEMBLIES (BALL/RACE)

- » Ball and Race Design to withstand the harsh fluids used in the oilfield market.

## ROTOR CATCH

- » Ball and Race Design to withstand the harsh fluids used in the oilfield market.

## ORIENTATION EQUIPMENT

- » Used to "Steer" the DHM
- » A Mule Shoe is used in conjunction with an orientation sub that has a lug protruding from the inside diameter that is lined up (oriented) with the inside radius of the bent u-joint housing.
- » Available in various thread connections to match your steering tool.



## BEARING ASSEMBLIES (THRUST)

- » DPI'S unique mud lubricated bearing assembly has a proven itself with the durability to drill several hundred hours and tens of thousands of feet before needing any service or replacement.



## CONFLOW METER

- » Highly accurate flow meter used in mining or quarrying applications, with the ability to cater for systems with varying flows and/or extreme oscillation





## CONTACT INFORMATION

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**PHONE: 801-381-6332**

At Drilling Products, Inc., our goal is to provide the drilling industry with uniquely superior products and services, crafted by drillers for drillers. Through our ongoing commitment to quality and unparalleled expertise, DPI strives to build mutually beneficial relationships with a worldwide client base.

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