WHAT DO YOU DO WHEN YOUR POWER SECTION ELASTOMER IS PUSHED PAST ITS BREAKING POINT, OVER AND OVER AGAIN?
YOU TURN TO THE COMPANY THAT HAS THE EXPERTISE TO IMPROVE YOUR PERFORMANCE IN THE FIELD.

The company that analyzes power sections in drilling applications to identify any causes of failure, and recommends effective solutions.
YOU TURN TO THE COMPANY THAT HAS DEVELOPED

THE NEW STANDARD
IN STATOR ELASTOMERS.
**USE HS88 WHEN IT MATTERS MOST**

HS88 is a high strength, hard rubber nitrile elastomer specifically engineered by PV Fluid Products to perform in the most demanding drilling conditions. Designed by our team of engineers, with stators manufactured in our state-of-the-art facility in Houston, HS88 is the new standard in elastomers.

<table>
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<tr>
<th><strong>RESISTANT TO CHEMICAL SWELL</strong></th>
<th><strong>GREATER DIFFERENTIAL PRESSURE CAPABILITY</strong></th>
<th><strong>EXCELS IN HIGH TEMPERATURES</strong></th>
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<tr>
<td>Specially engineered for high aromatic, low aniline point drilling fluids</td>
<td>It’s superior design offers 50% more torque</td>
<td>HS88 allows for more aggressive temperature de-rating factors in high temperature applications</td>
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<th><strong>RESISTANT TO CHUNKING</strong></th>
<th><strong>LESS THERMAL EXPANSION</strong></th>
<th><strong>BACKED BY RESEARCH</strong></th>
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<td>Purposefully crafted to withstand higher loads during operation</td>
<td>Designed and tested to work in higher downhole temperature applications</td>
<td>Developed by our team of chemical, mechanical, and applications engineers for longer downhole life</td>
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HS88 was engineered to withstand demanding conditions downhole. Delivering better performance, HS88 is the result of innovative research and development that generates real-world results. To see more technical data, visit hs88.pvfluid.com.

**TECHNICAL DATA**

**THERMAL EXPANSION**
As operating downhole conditions generate heat, thermal expansion in the elastomer takes place, changing the power section fit. HS88 is designed to ensure optimal fit is maintained over a broader temperature range – delivering maximum power and better reliability.

**CHEMICAL SWELL**
When a drilling fluid reacts with an elastomer, chemical swell may occur and can result in permanent changes to the mechanical properties of the elastomer. Tests have shown that HS88 is resistant to chemical swell, ensuring a proper fit and a longer service life.

**TEMPERATURE DERATING**
Under challenging downhole operating conditions, extreme temperatures will affect and reduce the life of your power section. HS88 is engineered to work with more aggressive de-rating factors, extending the life of the power section while delivering optimum performance to accomplish your objectives.
Our engineers work side-by-side with clients analyzing challenging drilling applications while collecting invaluable data. At our lab, these real-world insights inspire the design of power sections that succeed where many others fail. The research and science that went into the development of HS88 is supported by data from wells worldwide, testifying to its superior performance in demanding applications. Through innovation, we deliver remarkable results, and the number of successful runs in demanding conditions is proof that HS88 improves power section performance, optimizes downhole ROP and reduces Non-Productive time.

When you need to drill in the most demanding conditions, choose the elastomer engineered to drill longer & faster, with more power.

Choose HS88.

Last longer. Go further. Get the job done faster.
RECORD RUNS

BAKKEN, NORTH DAKOTA
9,987’ DRILLED 2000’ /DAY

THREE FORKS, NORTH DAKOTA
185 FT/HR AT 290°F

PERMIAN BASIN, TEXAS
RECORD ROP 181 FT/HR

WOODFORD, OKLAHOMA
RECORD ROP 219 FT/HR AT 226°F

HAYNESVILLE, LA.
AVERAGE ROP 209.16 FT/HR AT 750 GPM

MARCELLUS, PA
8,179’ DRILLED AT 102 FT/HR
0 SWELL ON ELASTOMER

EAGLE FORD SHALE, TEXAS
113FT/HR AT 327°F
ELASTOMER EXPERTS AND TRUSTED ADVISORS.

Whether in Texas, Alberta, or Saudi Arabia, we are committed to ensuring that HS88 works - wherever you are, whatever the drilling conditions.

We have facilities strategically located in North America, Europe, and the Middle East to ensure timely delivery of products and services to any well in the world. Whatever your needs, our team of power section experts will be there to support you throughout your project’s lifecycle.

When you urgently need support, expert advice, and an experienced partner that you can count on, choose PV FLUID PRODUCTS.

CONTACT US TODAY AND DISCOVER MORE ON HOW HS88 CAN WORK FOR YOU

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Learn more at HS88.PVFLUID.COM