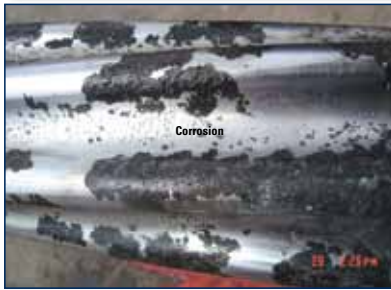


ROTOR SERVICE ISSUES

Corrosion Corrosion Corrosion

The failure of the coating due to corrosive elements in the drilling fluid. The fluid permeates the coating, and attacks the interface between the coating and base metal, causing the coating to peel or flake off.



Acidised Rotor

Applications using high concentrations of hydrochloric acid will strip the chrome off the rotor, exposing the base metal.

Pitting

The resulting damage on the base metal from corrosion attacks.



Rotor Wear Rotor Wear Rotor Wear

Any type of action or activity on the rotor which fundamentally alters the shape of the rotor profile.



Chrome Cracking

Amplification of the natural cracks in the chrome plating due to being subjected to high temperatures.

Mechanical Damage

Fatigue damage from excessive bending or damage occurred by foreign objects being pumped through the power section.



PV Understands Rotors!

Achieving good rotor service life depends on making sure that the rotor surface is kept in good condition. Your PV Fluid Products representative can offer advice on rotor service issues and recommend appropriate solutions to improve operating hours and reduce the cost of operation.



For more information about typical rotor wear, call us at the location nearest you:

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