Mud motors are critical to directional drilling operations. The mud motor rotor is exposed to abrasion, slurry erosion and corrosion, especially when the drill mud is brackish, acidic or alkaline.

Chlorides, sour gas and hard rock formations cause the biggest problems to hard chrome plated mud rotors. Failure of the mud motor rotor results in an expensive and time-consuming drill-string trip for replacement.

Drilling companies are changing over to carbide because of its distinct advantages over chrome, they last longer, drill further and can be repaired quicker. REACH regulations also means that the use of Hard Chrome Plate will be severely restricted.

Asco PDM solutions have been developed for Drilling Motors to combat the different conditions experienced downhole and tailored to suit the main failure modes of erosion and corrosion.

Field results and customer testimonials ensure that Drilling companies and OEM’s can take confidence in Asco PDM range to ...

get the job done!