

# All Metal Motor

All Metal Motor Endures 100+ Hours in Diesel



## HIGHLIGHTS

- No Temperature Limitations
- No Fluid Restriction
- Reliable Performance
- Exclusive Innovative Design

## DETAILS

Location	Rankin County, MS
Casing Size	4 1/2" 24.6#
Well Orientation	Vertical
Fluid	Diesel
Conveyance	2 7/8" 8.7# Jointed Pipe
Operation Type	Cement Drill Out
Operation Depth	15,207 Ft
Tools Used	2.13" OD All Metal Motor

## OBJECTIVE

Needed to mill cement from their production casing. With H<sub>2</sub>S levels at 200 parts per million, the customer wanted to use diesel as the primary working fluid.

## RESULTS

Under these conditions it was imperative to use a BHA that could withstand the harsh environment. With no elastomers or fluid limitations, TTS' milling assembly with an All Metal Motor was deployed; successfully milling 2,773' of cement. During this daylight only operation, the motor was left in the wellbore overnight leaving it exposed to diesel for 102 total hours. The absence of elastomers in the power section ensured the performance of the motor was not affected by the fluid composition. TTS' All Metal Motor is pushing the limits to what a single motor can accomplish.

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