

Application: Trencher

Product Group: Sai Hydraulic motors



Summary: The customer had been using the 2000 series Char-lynn motor for many years on a lot of its equipment especially the trench diggers.

Solution: The customer wanted a better solution than the Char-Lynn motor. The reasons behind this included the fact that this was being used in such a harsh conditions. Also, they wanted to provide as much power as possible.

At 10Lpm & 200bar input a Char-Lynn Motor will only convert 60 to 75% to real power, whereas a SAI motor will convert more than 81% (Total including mechanical and volumetric) So if we consider a trenching machine, whatever time the Char-Lynn takes then the SAI will only take 2/3 to 3/4 of the time.