

APPENDIX A

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The Effect of Crack Position and Applied Force on Fatigue Delamination Behavior of GFRP's in Mixed Mode Test

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The following figures show that, the $2a_c$ - N fatigue curves, illustrated from figure 1 to figure 12 in supplementary data appendix A

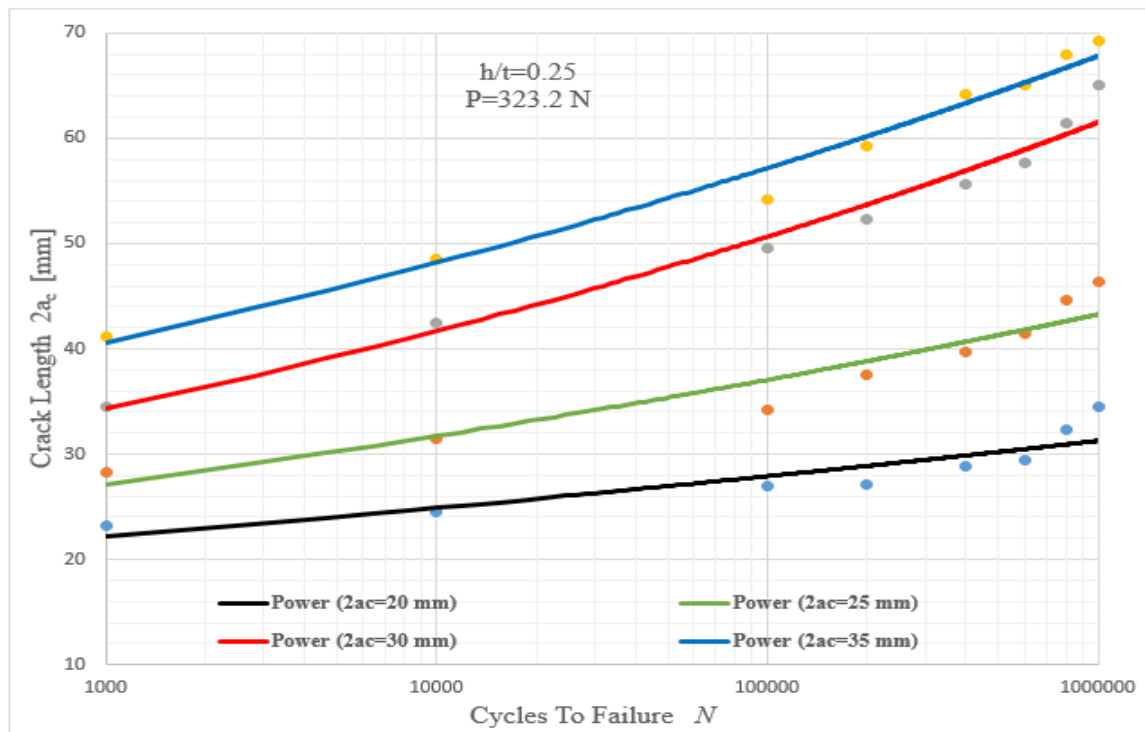


Figure 1 $2a_c$ - N curve for $h/t=0.25$ at $P= 323.2$ N

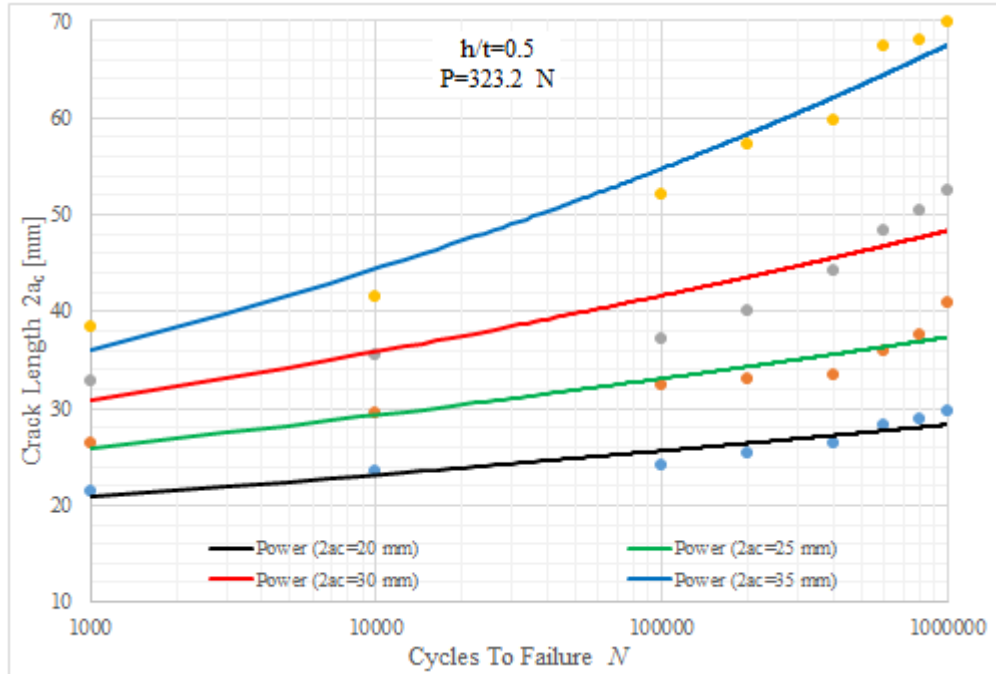


Figure 2 $2a_c$ - N curve for $h/t=0.5$ at $P=323.2$ N

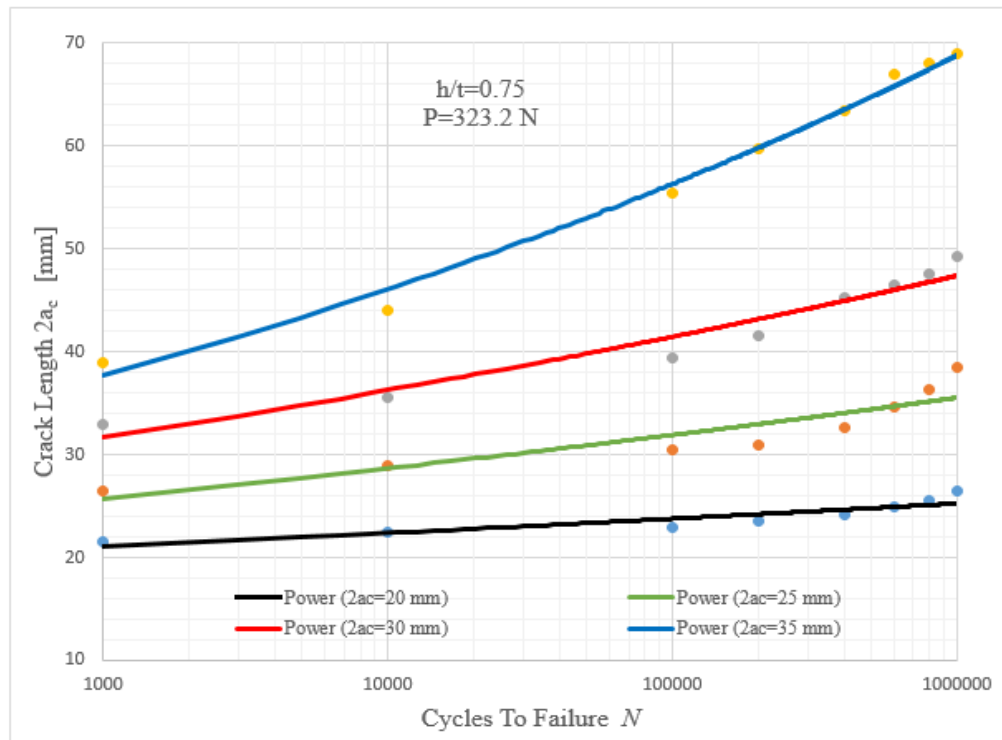


Figure 3 $2a_c$ - N curve for $h/t=0.75$ at $P=323.2$ N

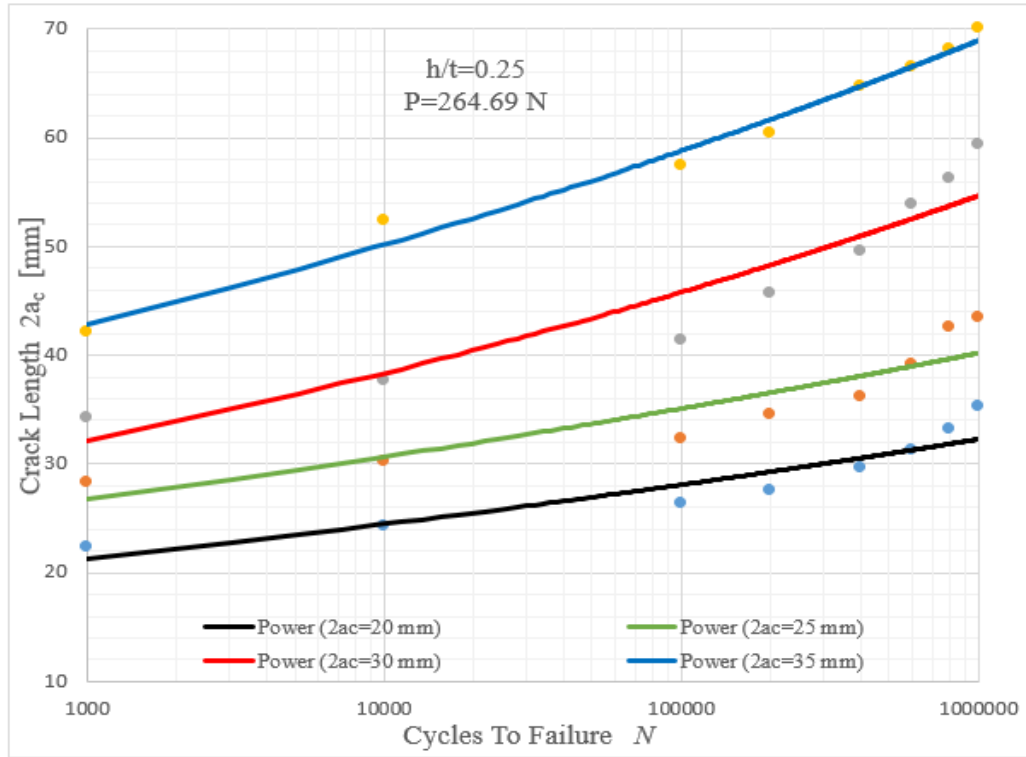


Figure 4 $2a_c$ - N curve for $h/t=0.25$ at $P=264.69$ N

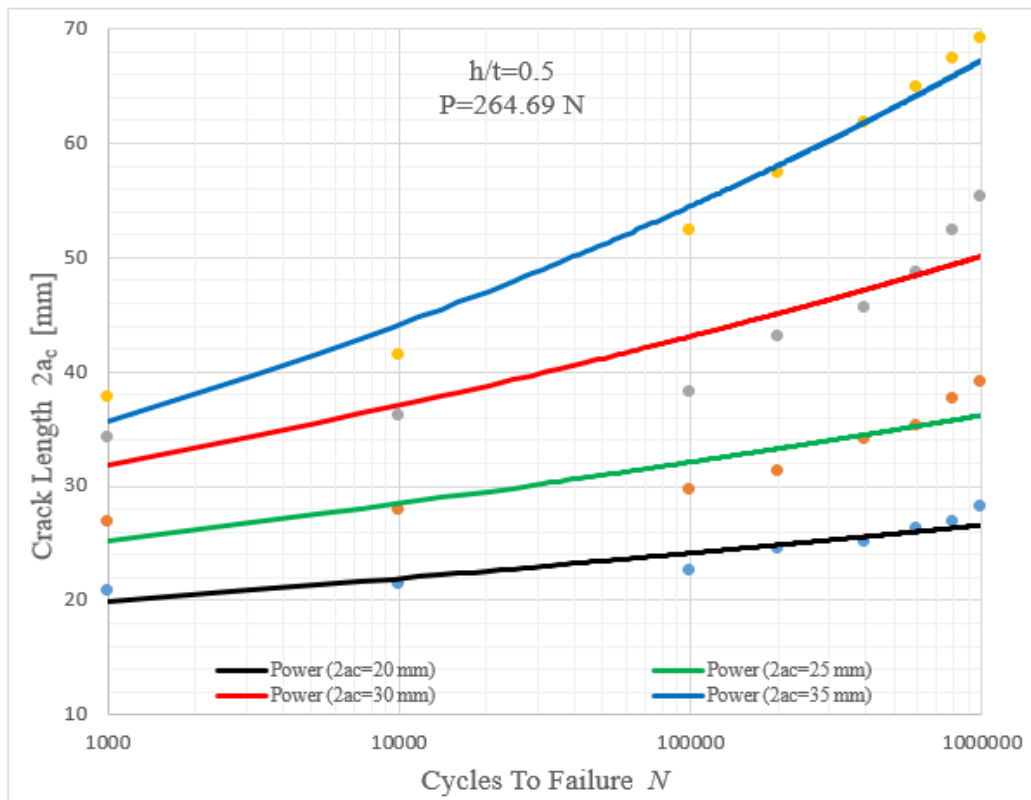


Figure 5 $2a_c$ - N curve for $h/t=0.5$ at $P=264.69$ N

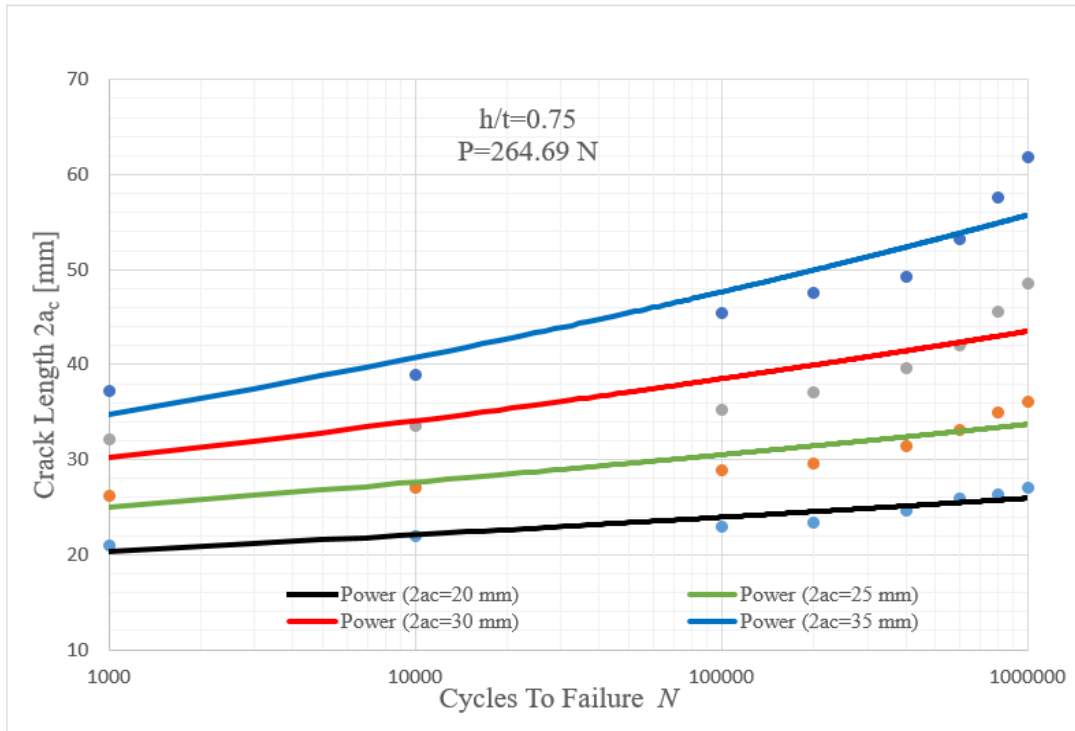


Figure 6 $2a_c$ - N curve for $h/t=0.75$ at $P=264.69$ N

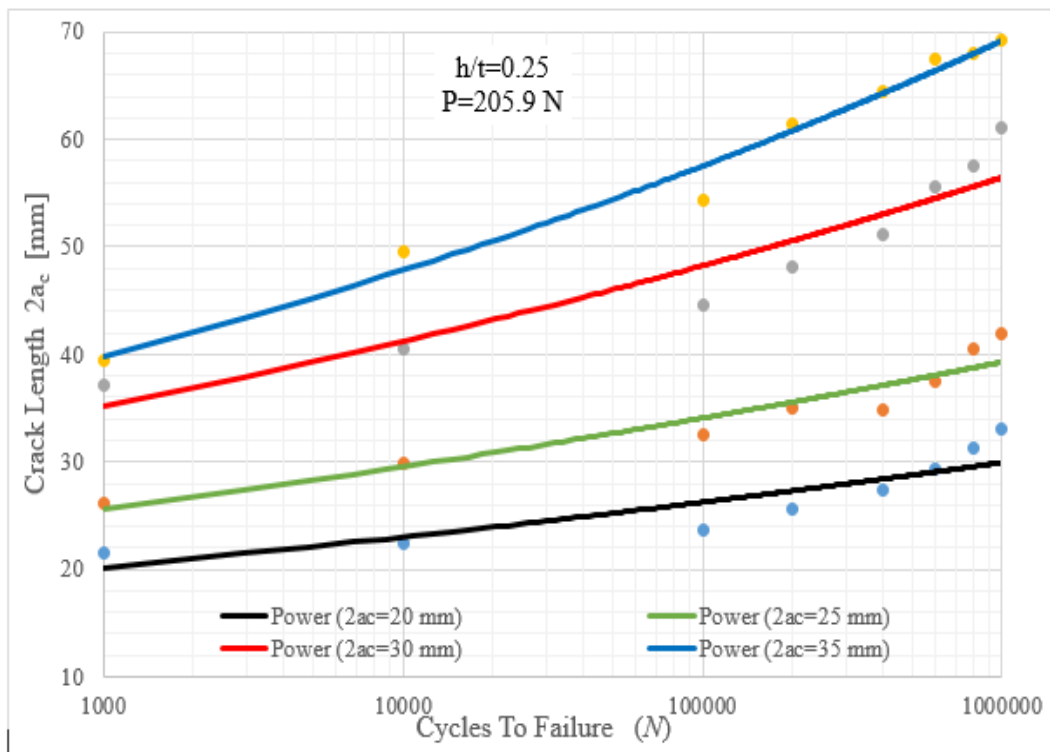


Figure 7 $2a_c$ - N curve for $h/t=0.25$ at $P=205.5$ N

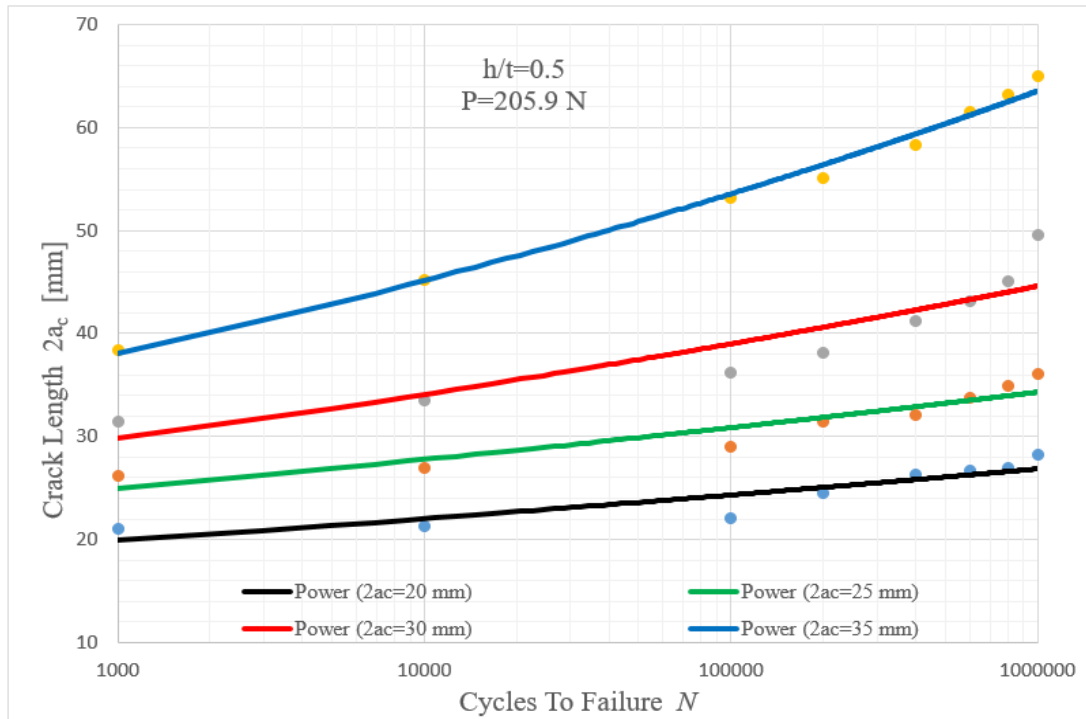


Figure 8 $2a_c$ - N curve for $h/t=0.5$ at $P=205.5$ N

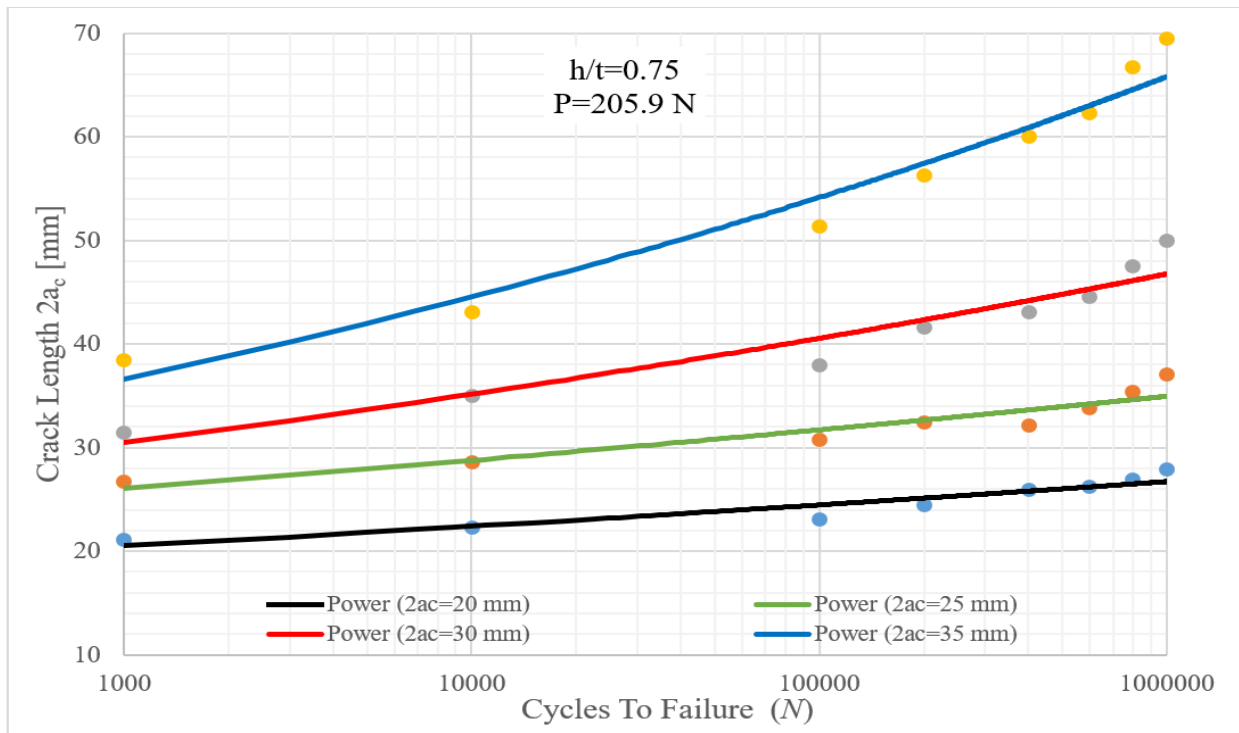


Figure 9 $2a_c$ - N curve for $h/t=0.75$ at $P=205.5$ N

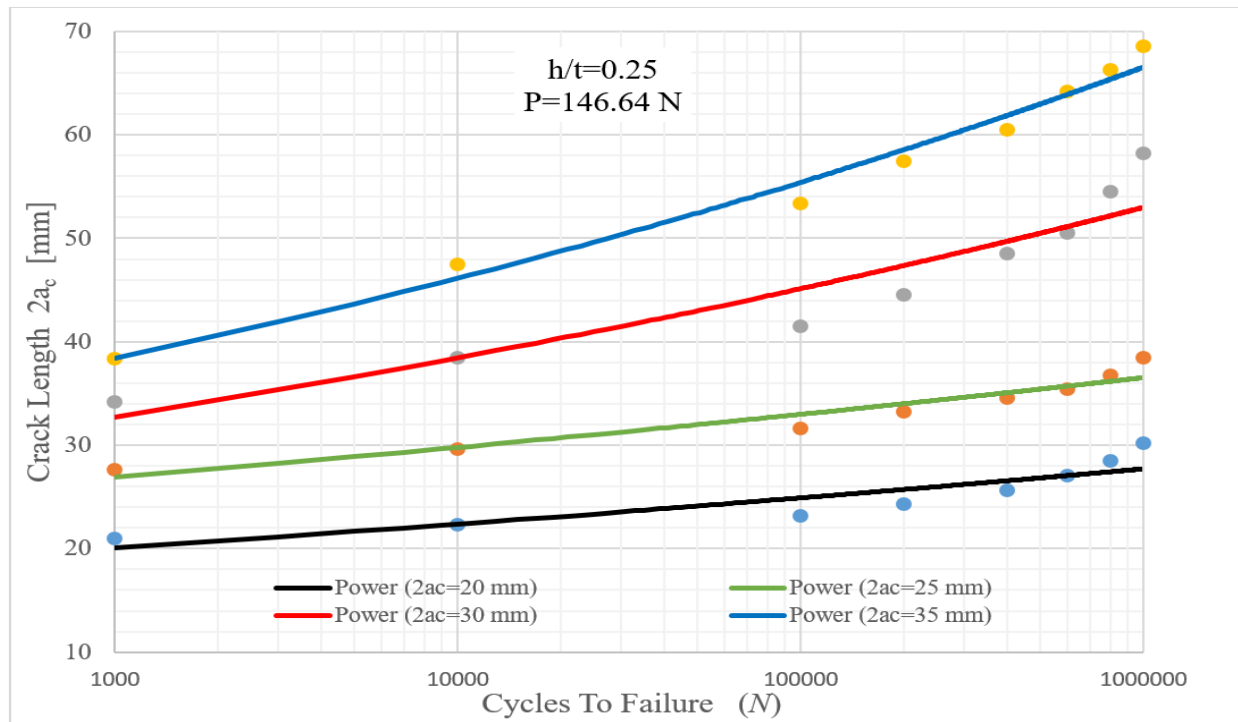


Figure10 $2a_c$ - N curve for $h/t=0.25$ at $P=146.64$ N

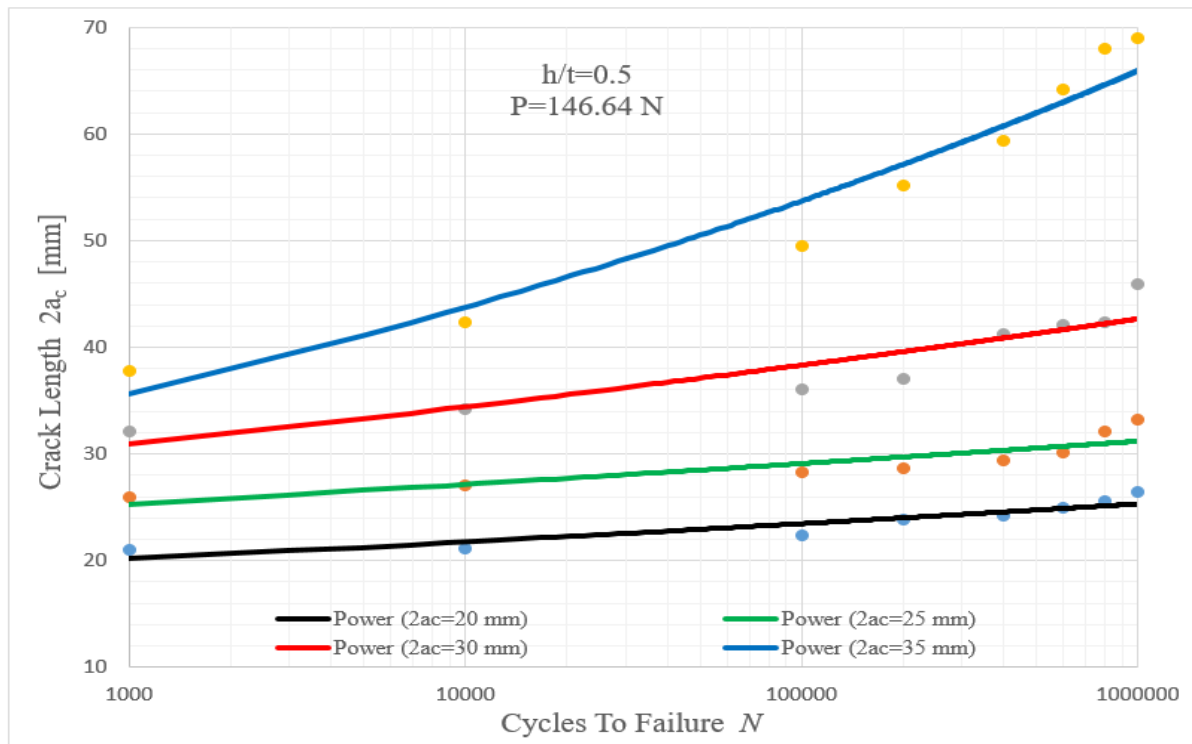


Figure 11 $2a_c$ - N curve for $h/t=0.5$ at $P=146.64$ N

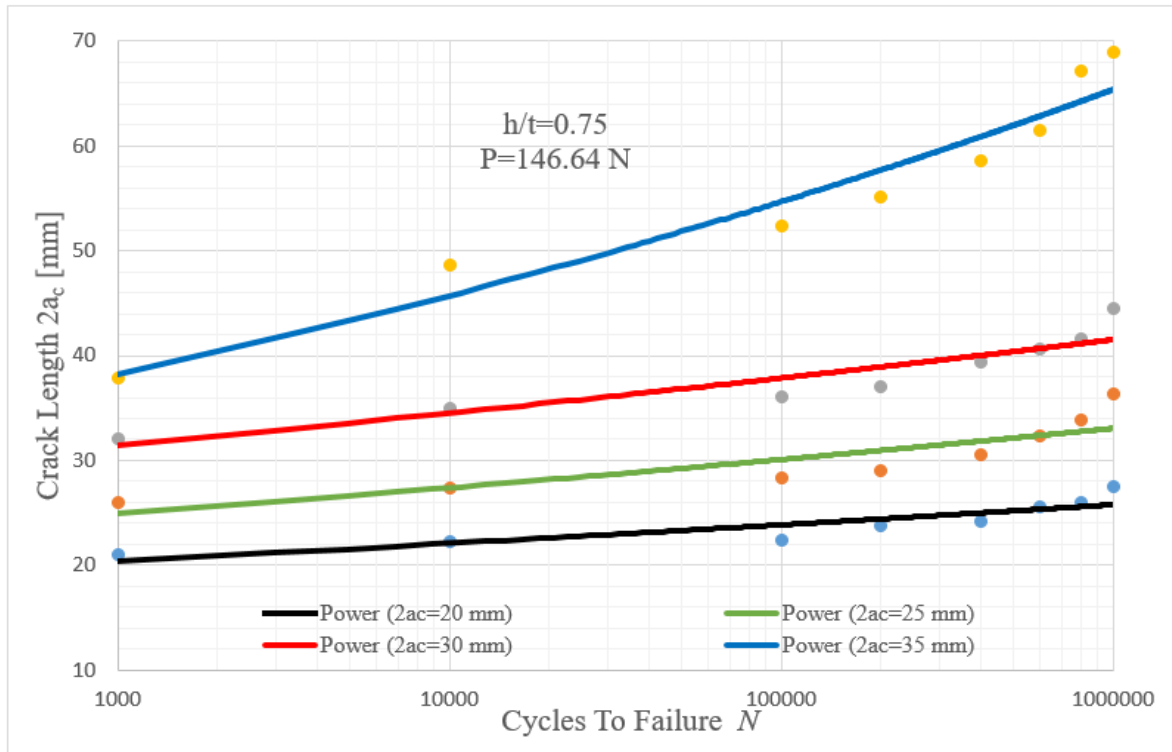


Figure 12 $2a_c$ -Ncurve for $h/t=0.75$ at $P=146.64$ N