Impressive results at non-ferrous application

Tool:
Carbide drill
Ø 5.1x125 mm

Workpiece:
Right Crank Case
Aluminium alloy (ADC-12% Si)

Cutting data:
\[ v_c = 85 \text{ m/min} \]
\[ f_a = 0.1 \text{ mm} \]
Micro blasted
Post-treated

Benefit
Present life improvement 5.7 times

Source:
Indian 2 wheeler manufacturer