

Good Earth Tools StarCarb™ Fan Outperforms OEM Chromium-Carbide Fan by over 5 Years at Limestone Processing Plant



THE SITUATION

Our customer's OEM chromium-carbide blades were eroding and quickly losing shape leading to structural damage to the fan. This required change-out after only **9 MONTHS OF USE**. With 36 hours of downtime for each change-out, this presented an increased safety risk.

THE SOLUTION

To reduce wear issues and significantly extend the life of each fan, GET StarCarb is applied to all critical wear areas including fan blades, whizzer blades, the whizzer disc, and each leg of the spider assembly.

THE RESULTS

6 ½ YEARS after installing the GET StarCarb fan, it has processed over **200,000 MORE TONS** of coal than the OEM fan and is still operating at optimal performance. Less downtime leads to decreased safety concerns and results in higher yield quantities, meaning more profit!

That is Over
8.5 TIMES LONGER
and still running today!



OEM Chromium-Carbide Fan after only 9 months of use shows severe wear and loss of operational and structural integrity.



GET StarCarb Fan after 6.5 years of use is still operating with 100% operational and structural integrity.



*See What We Can Do For You
Call Us Today!*



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Our high-quality performance products are engineered and built in Festus, MO, USA

GET-BRO-40007-08-22-V4



WEAR RESISTANCE

GET Tungsten Carbide can withstand extreme abrasion, out wearing typical steel parts by a factor of **25 TO 1 OR MORE**.

IMPACT STRENGTH

GET Tungsten Carbide has high-impact strength and can resist wear and impact applications far longer than steel or ceramic. This results in fewer repairs and replacement parts and lower operating costs.

CORROSION EFFECTS

GET Tungsten Carbide has corrosion resistance to handle environments with acetone, ethanol, gasoline, ammonia, most bases, weak acids, tap water and other organic solvents.

HARDNESS

GET Tungsten Carbide hardness is almost as hard as diamond and harder than tool steels. High hardness results in greater wear resistance in abrasive applications.

HEAT RESISTANCE

GET Tungsten Carbide can perform reliably at temperatures where other materials would begin to soften, up to 1000°F.



Learn more about
GET Tungsten
Carbide



*Electronic Induction
Brazen Solid
Tungsten Carbide*



*Solid Tungsten
Carbide Granules
Infused in a
Hard-Facing Material*



*Plasma-Applied
Tungsten Carbide*



*Flexible Tungsten
Carbide Cladding*

GET Proprietary Tungsten Carbide Applications