REPAIR, REBUILD & UPGRADE
FIELD SERVICE

HORSBURGH & SCOTT
DELIVERING THE DIFFERENCE

SUPPORT 24 HOURS A DAY

AVAILABLE 24/7

216-432-5888

BEFORE

AFTER
HORSBURGH & SCOTT SPECIALIZES IN GEARBOX REBUILD, REPAIR AND UPGRADE. WE HAVE BEEN IN BUSINESS FOR OVER 135 YEARS, AND HAVE REPAIRED EVERY TYPE OF GEAR FOR MANY MARKETS AND APPLICATIONS.

Rebuilt & Repaired thousands of gearboxes, and have a library of drawings across 120 brands.

- Detailed inspections and evaluations
- Dynamic modeling and optimization recommendations
- Emergency breakdown service and repairs
- No load spin testing
- Equipment evaluation/analysis
- Gear alignment
- Installation and startup supervision
- Lubrication system evaluation
- Nondestructive testing (NDT)
- On-site machining
- Preservation and long-term storage
- FARO Arm
- Rebuilds of all manufacturers
- Re-ratios and engineered upgrades to gears and housings
- Reverse engineering
- Spare OEM parts
- 24/7 RUSH Breakdown Service

APPLICATIONS

- Hot and cold, rolling, pipe, ball, rod, autogenous and tunnel boring mill gearing
- Shear drives
- BOF drives
- Coilers and uncoiler gearing
- Pulverizer gearing
- Material conveyor gearing
- Mixers and extruder gearing
- Rotating kiln drives
- Crane and winch gearing
- Railcar dumper drives
- Air pre-heater gearing
- Pump and calendar drives
- Dredge gearing
- Aerators, clarifiers and agitators
- Elevation screws
- Tainter gate gearing
- Movable bridge gearing
FIELD SERVICE

COMPREHENSIVE INDUSTRIAL GEARING FIELD SERVICE

24/7 FIELD SERVICE AVAILABILITY

- Emergency breakdown service
- Installation and startup supervision
- Disassembly and reassembly
- Gear inspection
- Detailed borescope inspections
- Preventive maintenance
- Lubrication system evaluation
- Gear alignment
- FARO arm
- On-site machining
- Non-destructive testing
- Dynamic modeling and machine optimization recommendations
- Sophisticated tools and practices to follow rigorous standards including AGMA, ISO 9001:2015, AASHTO, API and MSHA
- Dynamic modeling and machine optimization recommendations

ADVANTAGES

- Increase reliability and eliminate unplanned outages
- Equipment assessment and optimization
- Custom designed maintenance plans
- Recommendations to optimize your limited maintenance budget
- Re-engineering and performance upgrades for increased productivity

Dedicated Field Service Team Available 24/7
ADVANCED GEARING CAPABILITIES

KEY CAPABILITIES
- 237,000 sq. ft. of manufacturing
- 35,000 sq. ft. of heat treating
- 6,500 sq. ft. — H&S Canada (Lively, ON)

ENGINEERING EXPERTISE
- Over 25,000 hours/year
- Drawings for over 90 different gearbox brands and spare parts

INNOVATIVE EQUIPMENT
- Fellows 65-16 Shaper with full CNC controls
- Giddings & Lewis VTC 2000 vertical turning
- Gleason-Pfauter P1600/2000 hobber/gasher
- Gleason-Pfauter P2000G form grinder
- Gleason-Pfauter P2006 form grinder
- Gleason-Pfauter P2400/3000 hobber/gasher
- Hofler R1600/2000 form grinder
- Hofler R6000 form grinder
- Hofler 1600 form grinder
- Schiess horizontal boring mill
- G&L 3500 vertical turning center
- Farrel 50 ft. vertical turning center
- Aichlin pit furnace (2)

The **Gleason-Pfauter hobber/gasher** improves productivity with a **7x reduction in hobbing time**.