



Gearbox Oil Change Services for the Steel Processing Industry

Reduce fabrication equipment maintenance costs and improve productivity

Gearboxes are a vital element of the steel making process. It is the epicenter of the machine's power to harness manufacturing production. When your gearbox is down, production grinds to a halt and this can result in significant revenue loss, as well as failure to meet on-time delivery for your customers.

To avoid equipment downtime, your gearbox needs to be regularly monitored to ensure that your steel processing equipment functions properly so you can meet rigorous manufacturing demands each day. A healthy gearbox with proper oil changes can enhance the profitability and reliability of steel processing equipment by ensuring that mission-critical gears and bearings work flawlessly to reach their maximum lifespan. Brad Foote Gearing delivers on-site services to keep your gearboxes healthy by performing gearbox oil changes in the field using state-of-the-art self-contained trailers. Brad Foote's oil change equipment, methods and expertise make all the difference to you by maximizing time, cost and cleanliness.



Brad Foote[®]
GEARING

A Broadwind Energy Company

GearMAX[™]
SOLUTIONS

Why Oil Changes Are Important

Transmission oil not only protects gears and bearings from wear, it helps to keep components cool during operation. These systems are essential to the life and maintenance-free operation of your steel processing equipment and should be changed every 5,000 hours of operation depending on operating conditions. If operating conditions are severe—rapid rise and fall in temperature; extended running sump temperatures at 180 degrees or higher; in moist or dusty atmospheres; or in the presence of chemical fumes—it may be necessary to increase oil changes as often as every one to three months.

Brad Foote's GearMAX on-site oil changes provide benefits including:

- Clean oil, free of impurities, sludge, and moisture that can cause maintenance hassles down the road.
- Use of American Gear Manufacturers Association 9004-D94 approved lubricants only to ensure warranty coverage.
- Reduce heat during operation, improving machine out-put and reliability.
- Prevent premature equipment wear, helping to reduce equipment maintenance capital expenditure costs.
- Minimize maintenance costs and maximize business profitability.

Trustworthy Customization, Quality and Expertise

When you select Brad Foote Gearing to perform your gearbox oil changes, you not only opt for innovative equipment, but also customization, quality and expertise. We customize our oil change services based on your unique gearbox needs.

Our highly skilled technicians pay careful attention to detail as they efficiently perform multiple gearbox oil

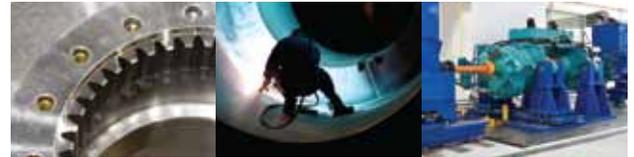
changes per day. Our process, equipment and technicians ensure all new oil meets or exceeds ISO 4460 standards.

GearMAX Solutions to Maximize the Lifecycle of your Drivetrains

- Inspections & failure mode analysis
- Data analysis
- Gearbox repair and rebuild kits
- Upgrade rebuilt gearboxes
- On-site or off-site gearbox remanufacturing
- Oil changes, major component exchanges, and "turn-key" service

Backed by Broadwind Energy

Broadwind Energy (NASDAQ: BWEN) applies decades of deep industrial expertise to innovate integrated solutions for customers in the energy and infrastructure markets. From gears and gearing systems for wind, oil and gas and mining applications to wind towers, to comprehensive remanufacturing of gearboxes and blades, to operations and maintenance services, and industrial weldments, we have solutions for the energy needs of the future. With facilities throughout the U.S., Broadwind Energy's talented team of more than 800 employees is committed to helping customers maximize performance of their investments—quicker, easier and smarter.



GEARING

FABRICATIONS

SERVICES

