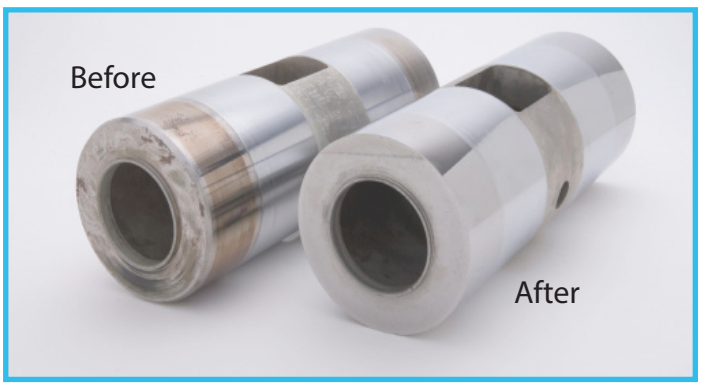
REM®
Surface Engineering

The ISF® Process for Aerospace Gears & Bearings

REM

Extend component life during a loss of lubricant event, increase resistance to scuffing, and reduce contact fatigue with REM's ISF® Process. The ISF Process creates a smooth, isotropically micro-textured surface which results in improved component performance, lower operating temperatures, and reduced noise and vibration. In the Aerospace Industry, component failure is not an option, so talk to REM today about how we can upgrade your aerospace gears and bearings.



Aero Hinge Pins

Typical Aerospace Applications

- Main and Intermediate Transmission Gears
- Turbine Engine Power Gears
- Main Transmission Bearings
- Airfoils
- Helical Gear Shafts
- Blisks
- Stator Rings
- Tail Rotor Gears
- Flight Actuator Components
- Rotor Hinge Pins
- Generator, Hydraulic and Fuel Pump Gears
- Fuel Transfer Components

ISF Aerospace Part Performance Benefits

- Increase Loss of Lubricant Operating Life
- Increase Scuffing Resistance
- Increase Power Density Allowable
- Increase Bending Fatigue Resistance
- Reduce Contact Fatigue
- Reduce Friction
- Reduce Operating Temperature
- Reduce Vibration and Noise
- Extend Time Between Maintenance
- Repair Lightly Damaged Components

Don't Accept Anything Less than REM

www.remchem.com
All sites are ISO 9001:2015 and AS9100:2016 Rev D certified