

Drive Technology

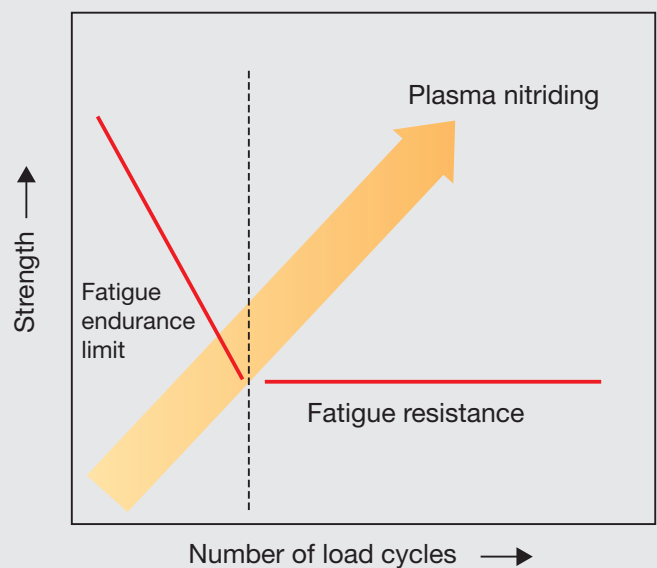
Plasma Heat Treatment suitable for quality and heat treatable steels

Request on components:

- Fatigue limit
- Corrosion resistance
- Constant friction and sliding properties
- High strength
- Distortion free

Applications:

- Synchronizer rings
- Detents
- Clutch plate carrier
- Clutch plates
- Differential pinion shafts
- Shift shafts
- Gears



The essential advantages:

- High surface hardness
- Significant improvement of wear resistance
- Reduced adhesion
- Excellent corrosion protection
- Good friction and sliding properties
- Replacement of hard chrome and salt bath
- Bio-Diesel compatibility
- Low respectively no distortion
- Good mechanical, dynamic and tribological properties