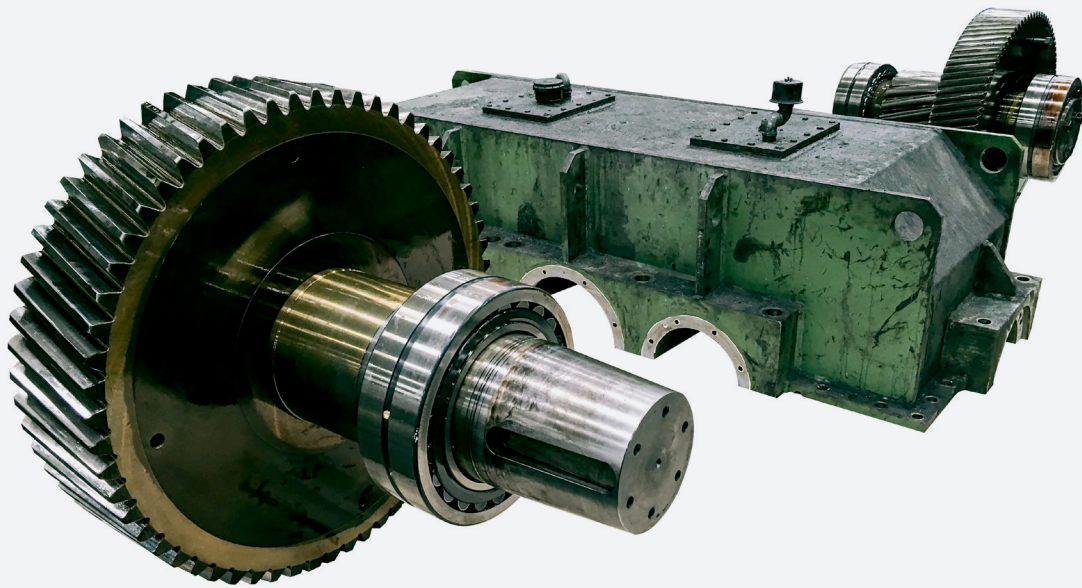


ACERIUM

18CrNiMo7-6Ce | 16NiCrMo16-5Ce | 18NiCrMo14-6Ce



Cost-effective and reliable fine grain size case hardening steel for very large gears with high-temperature long-time carburizing processes

APPLICATION

- **Industrial large gears** with **very long carburizing holding times** at high temperature.



ADVANTAGES

More economical and faster carburizing process

Due to Cerium action
Due to shortening of carburizing process

Fine grain size for conventional and high temperature carburizing treatments

Finer than ASTM5 when carburizing 80h @ 960°C
Suitable for high temperature carburizing 20h @ 1025°C

APPLIED TECHNOLOGY

- Cerium addition enhances carburizing process and prevents creep effect.
- Balanced microalloying ensures a fine grain size even for very long carburizing treatments at high temperature.