



DELTA[®] TITANIUM CHAINS



ANTI-CORROSION



YOUR NEED : **RESISTANCE TO CORROSION**

“ My chain operates in a corrosive environment, it corrodes quickly, and I would like to replace it less frequently ”

“ I would like to find an alternative to stainless steel to reduce my chain’s elongation ”

OUR SOLUTION : **DELTA® TITANIUM CHAINS**

The alliance of anti-wear and anti-corrosion protections for an optimum performance

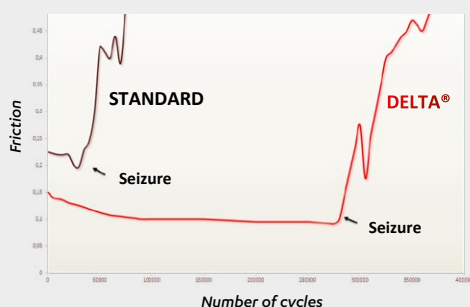
- **Unequaled hardness** of the treated pins - even with big diameter - thanks to DELTA® thermochemical treatment invented and developed by SEDIS, allowing to reach hardness of 1800 HV.

▷ **Remarkable resistance to abrasion and oxidation.**

- Coefficient of friction of DELTA® articulation lower than case hardened ones.

▷ **Seizure postponed further.**

Comparison of a case hardened articulation and a DELTA® articulation in friction



- New generation wax which liquefies in operation.

▷ **Reduction of friction in the articulations.**

▷ **First re-lubrication postponed** compared to standard lubrication.

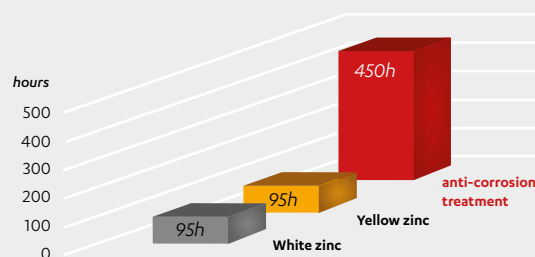
- **Preformed bi-conic** bushes allowing to have an increased pin/ bush work surface for a uniform distribution of mechanical constraints.

▷ **Improvement of wear resistance.**

- Anti-corrosion coating guaranteed without hexavalent Chrome applied to all the other parts before assembly.

▷ **Exceptional protection against corrosion**

Resistance of anti-corrosion coating in salt spray according to ASTM B117



- Functional use in **salty and/or abrasive environments**, and in temperatures from **-30 to +130°C**.

THE ADVANTAGES



HIGH RESISTANCE TO WEAR AND TO CORROSION



SAVINGS ON GLOBAL COST



UNEQUALED SERVICE LIFE ESPECIALLY IN SEVERE APPLICATIONS



ENHANCED PRODUCTIVITY BY REDUCTION OF DOWNTIMES



MECHANICAL CHARACTERISTICS HIGHER THAN STAINLESS STEEL