

DELTA[®] RANGE

EXPERTS' SOLUTIONS *for each*
APPLICATION CONSTRAINT



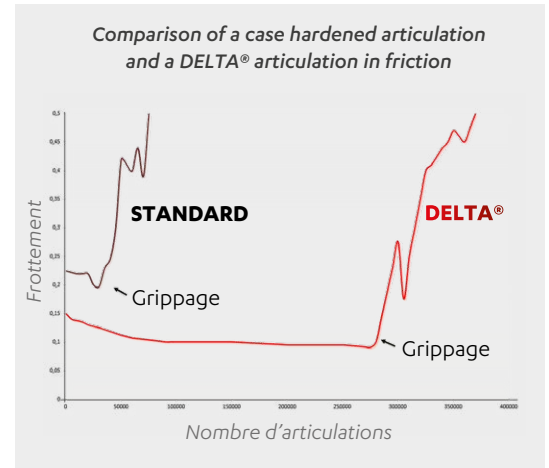
YOUR NEED : **RESISTANCE TO WEAR**

THE SOLUTION : **DELTA® HR CHAINS**



“ My chain works in a dusty or abrasive environment ”
 “ My chain elongates quickly. I would like it to last longer ”

- **UNEQUALLED HARDNESS OF THE TREATED PINS**
 even with large 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 greatly postponed
- **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



THE AVANTAGES



RESISTANCE TO ABRASION & OXIDATION



SUITABLE TO SEVERE APPLICATIONS



UNEQUALLED SERVICE LIFE



REDUCTION OF DOWNTIMES



GLOBAL SAVINGS (33% ON AVERAGE)

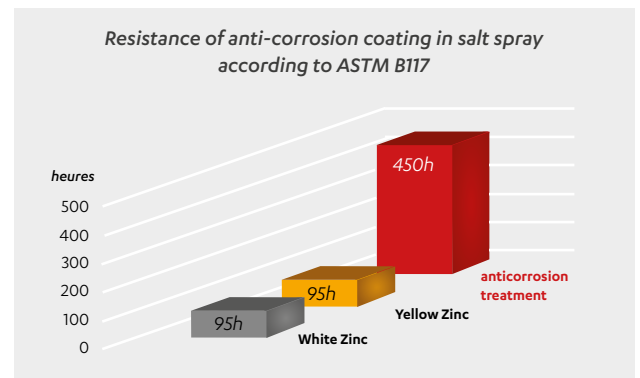
YOUR NEED : **RESISTANCE TO CORROSION**

THE SOLUTION : **DELTA® TITANIUM CHAINS**



“ 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 ”

- **DELTA® TREATMENT ON THE PINS**
 and all the characteristics of DELTA® HR chains
 ▷ High resistance to abrasion and oxidation
- **ANTI-CORROSION COATING**
 (guaranteed without hexavalent Chrome) applied to all the other parts before assembly.
 ▷ Exceptional protection against corrosion
- **FUNCTIONAL USE** in :
 ▷ salty and/or abrasive environments,
 ▷ temperatures from -30 to +130°C
 (Higher temperatures are possible, consult us)



THE AVANTAGES



HIGH RESISTANCE TO WEAR & CORROSION



BREAKING LOADS HIGHER THAN STAINLESS STEEL



UNEQUALLED SERVICE LIFE



REDUCTION OF DOWNTIMES & MAINTENANCE



LONG-TERM SAVINGS



YOUR NEED : **LONG SERVICE WITHOUT LUBRICATING**

THE SOLUTION : **VERTES CHAINS** (“green chains”)

“ My chain operates in a humid environment or where maintenance is difficult or impossible ”

“ My maintenance costs are too high ”

“ I would like an environment-friendly chain ”

A **REGULAR LUBRICATION** of chains **GUARANTEES THEIR LIFE TIME**.

However it is sometimes and for many reasons **difficult to implement**. The solution in a clean environment is the use of **VERTES® Chains**, which operate **WITHOUT OIL INPUT**.

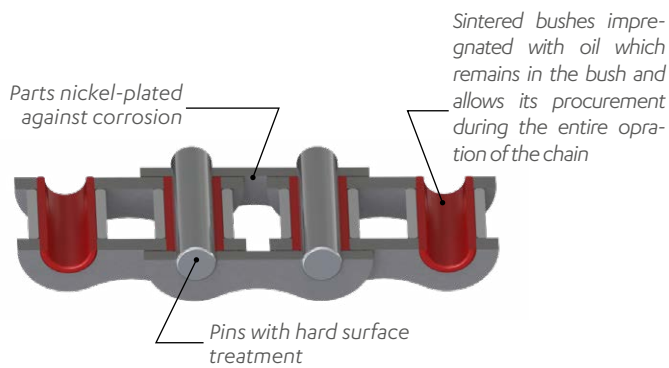
While **reducing the maintenance global costs**, the absence of lubrication allows a **reduction of risks** on your installations by:

- **Avoiding maintenance and contamination by oil projection**
- **Limiting risk of fire**
- **Decreasing risk of pollution**

The Verte® chains exist in 2 versions depending on the chain’s pitch :

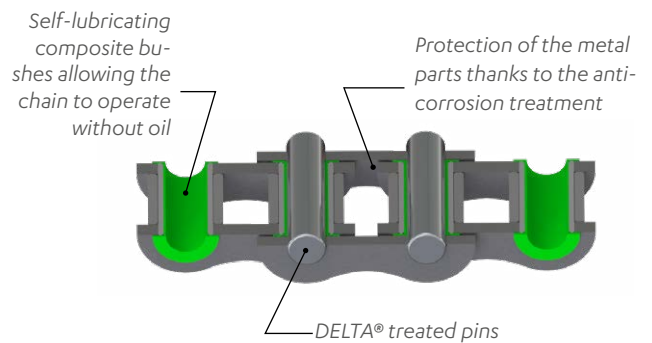
LUB FREE VERTE

PITCHES : from 12,7mm to 25,4mm
ENVIRONMENT : clean, from -5°C to +80°C
USE : high speed & light load



DELTA VERTE®

PITCHES : 12,7mm and from 19,05mm to 63,5mm ⁽¹⁾
ENVIRONMENT : clean, humid or under water, from -30°C to +80°C
USE : low speed & heavy load



HIGH RESISTANCE TO WEAR & TO CORROSION



ENVIRONMENT-FRIENDLY



SAFETY OF THE INSTALLATION



NO NEED FOR MAINTENANCE



MAINTENANCE COSTS SAVED

THE AVANTAGES



THE VERTES CHAINS
 are usable⁽²⁾ in the
FOOD INDUSTRY

⁽¹⁾ For other pitches, consult us

⁽²⁾ without any direct contact between food and chain



SEDIS



DELTA® a brand of **sedis**

Octobre 2019 – Photos : Olivier Frajman