



Cogilink: The lubricant-free drive system

 For reduced operating costs

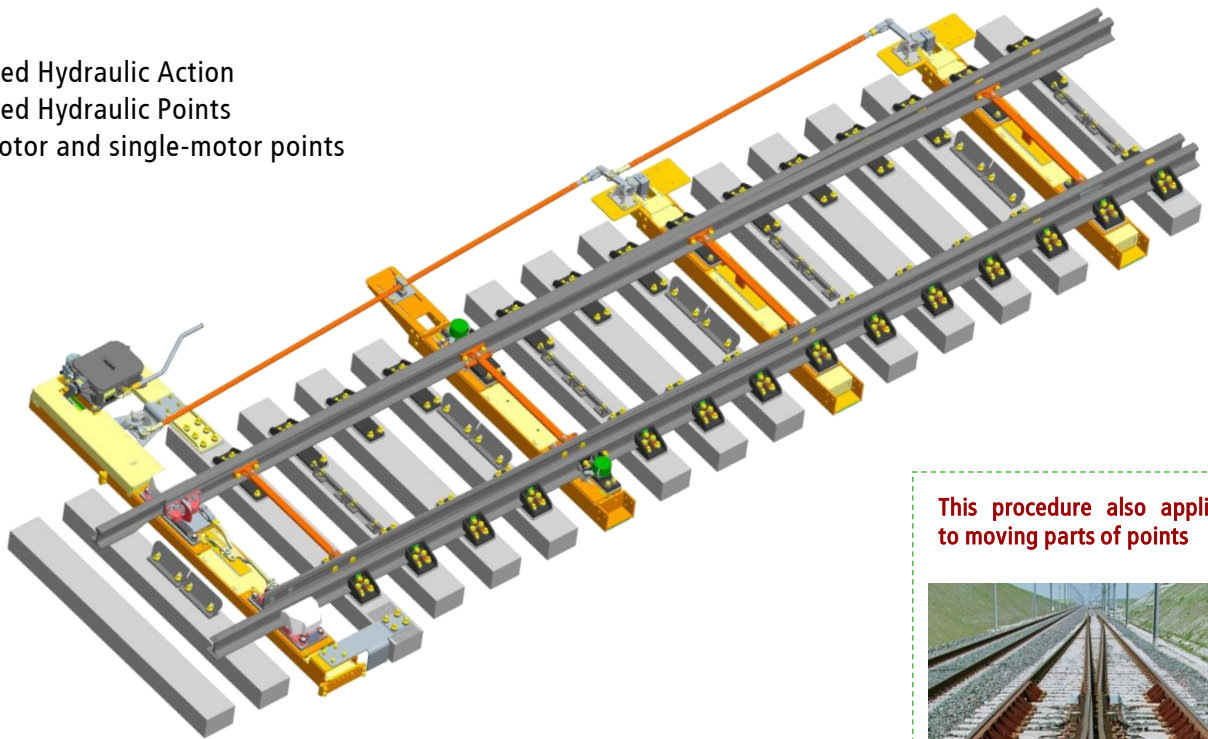
Coglink the lubricant-free drive system

The ideal solution for more economical maintenance

Sustainable development is at the heart of all track equipment performance-improving projects. At Vossloh Cogifer we integrate this ecological approach into all our projects. Our R&D staff oversee the design of increasingly innovative products. The new track equipment developed by our staff does not need lubrication, thus preventing the need for polluting substances, reducing maintenance costs and increasing track availability.

The new product developed by Vossloh Cogifer applies to all drive systems.
(very high speed lines and conventional lines)

- ▶ Integrated Hydraulic Action
- ▶ Integrated Hydraulic Points
- ▶ Multi-motor and single-motor points



This procedure also applies to moving parts of points



Significantly lower maintenance costs and improved life span of linkage parts

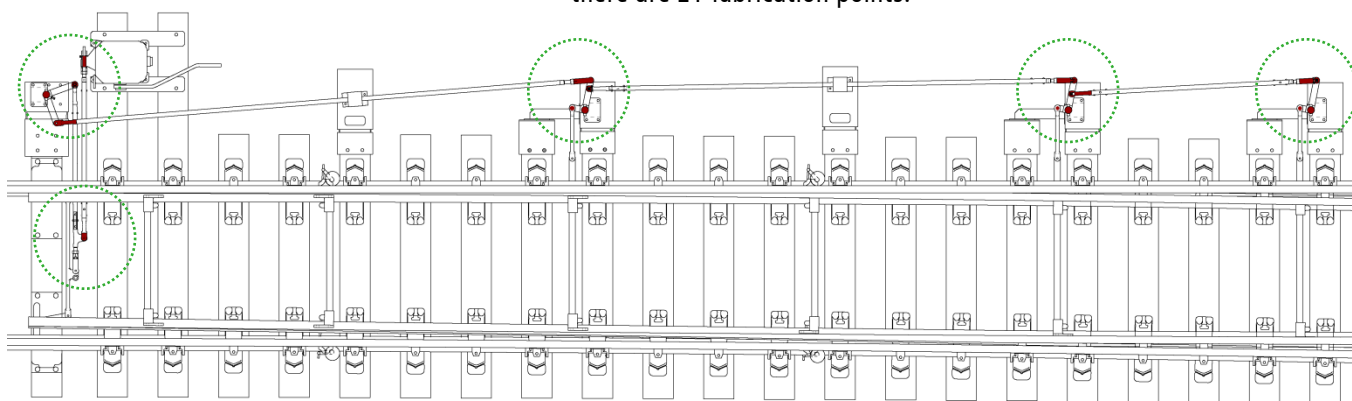
- ▶ No more lubrication of the turnout driving system
- ▶ Faster shaft assembly and disassembly times for replacement or adjustment
- ▶ Increased life span of joints
- ▶ Reduces the operating force by 20%
- ▶ Minimises shocks and vibration in joints
- ▶ Elimination of sticking problems
- ▶ Elimination of adjustments due to wear

A new technological procedure designed to increase the life span of track equipment

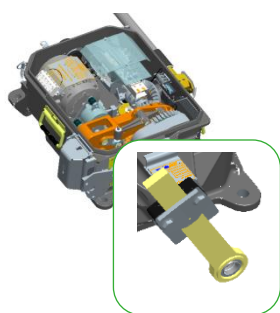
The new procedure developed by Vossloh Cogifer is based on the interaction between a new generation of self-lubricating rings, anti-corrosion shafts and a lubricant-free ball-joint. They are conform to all safety standards and meet the strictest requirements in terms of robustness.

The lifetime of this drive system is multiplied by 6 in comparison with the greasing drive system.

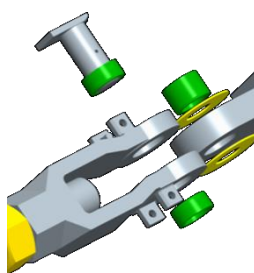
On a tangential 1/15.3 single-motor set of points, made up of 3 attacks, there are 21 lubrication points.



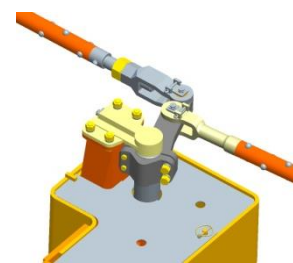
Shafts throughout the points system (brackets, return supports, copings) are guaranteed for life.



► Lubricant-free ball-joint



► Anti-corrosion shaft
► Self-lubricating rings



► Anti-corrosion shafts



► Significant gains
Life Cycle Cost



► Quick and easy
to fit, install and remove



► Resistant to extreme
environmental conditions
(heat and cold)



► Suitable for extreme
natural constraints
(sand, ice)

Cogilink : The lubricant-free drive system

The new Vossloh lubricant-free drive system is the best performing solution for all track equipment maintenance and upkeep requirements.



In order to reduce the maintenance costs of track equipment Vossloh is the ideal partner for the provision of safe, proven and economical solutions which are manufactured using an ecologically sustainable approach.

The main mission of Vossloh Cogifer is to offer its customers new high-performance products which are innovative and which combine comfort and safety; the goal is to reduce maintenance costs and to protect the environment.



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