Visiolub

Productive maintenance software for chain lubrication systems

Preventive maintenance

– Follow-up control of the conveyor chain state evolution

Active maintenance

– On-site chain state analysis without production stop

The Visiolub software has been especially designed to meet operating quality requirements of lubrication systems. Combined with the GVP lubrication system, the Visiolub software controls and monitors in real time the state of the chain and prevents any production stops due to chain malfunctions (defective rollers or pins). Thanks to this prevention tool, the chain's life is significantly increased.

Visiolub is also very helpful for maintenance department. Information gathered by Visiolub is key to approving a new lubricant. The program also makes it easier to determine the correct amount of lubricant required for optimal lubrication.

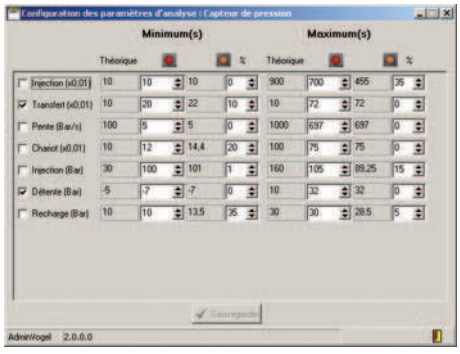

Fig. 1

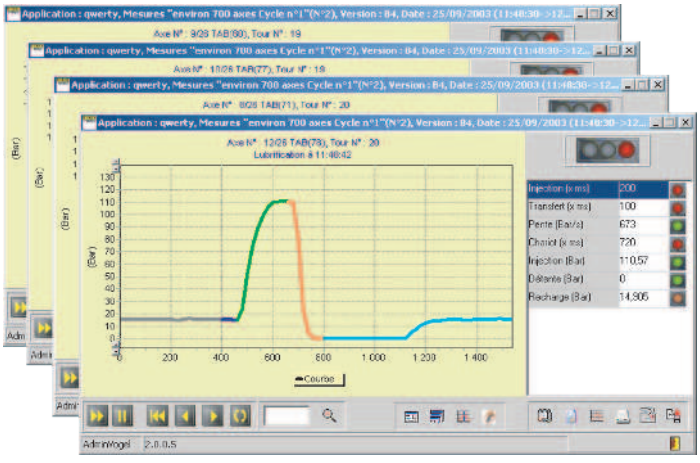

Fig. 2

Operating principle

Visiolub is directly connected to the lubrication system control unit AEP2-GV via a computer. Thanks to a pressure sensor mounted on the injection head, the pressure of each lubricant injection is measured.

The user sets the different parameters corresponding to the lubrication cycle of the chains – theoretical value, minimal and maximal values (fig.1). For each chain pin, the user gets a succession of curves (fig. 2) representing the different grease injections made into this pin during a lubrication cycle. The analysis of these curves helps the user to identify possible malfunctions during operation. At the end of the analysis, a report is generated which informs the user about the number of defective pins and where they are located (fig 3).

On one hand, Visiolub will help the user confirm the correct operation of the greasing system. On the other hand, the user will also be able to identify defective links in the chain and then engage in preventive maintenance to prevent a chain break.

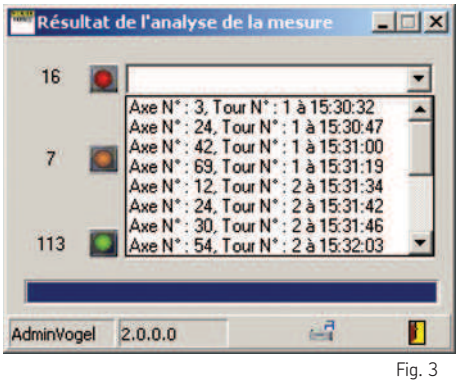

Fig. 3