

ARCHIMEDES SCREW PUMPS

INLET PUMPS – RAS PUMPS – FINAL EFFLUENT PUMPS

MAIN BEARING There will usually be 1 x grease lubrication point on the main bearing at the upper end of the Screw Pump for manual lubrication. The lower submerged bearing may require grease lubrication and, if so, a motorised grease pump is usually fitted at the upper level and will feed grease to this bearing through a long feed line.

In some cases the lower bearing may be made from a non-metallic material not requiring grease lubrication.

The large upper bearing will benefit from a controlled and regular input of grease and requires a larger quantity due to the size.

SOLUTION A simple to fit self-contained MD500 Ultimate Lubricator installed directly to the bearing. Our experience has shown that in some cases a higher pressure automatic lubricator is required for reliable operation and the MD500 Ultimate provides this as well as having a 500cc capacity to allow an annual refill.

SIMPLE TO INSTALL

NO EXTERNAL POWER

12M BETWEEN FILLS

**OPTIMUM LUBRICATION
LITTLE AND OFTEN**

REFILLABLE BY THE USER

WELL PROVEN IN THE UK



ATS ELECTRO-LUBE (UK) LTD HAVE CONSIDERABLE EXPERIENCE WITH WATER INDUSTRY APPLICATIONS AND CAN OFFER FULL SITE SURVEYS AND QUOTATIONS INCLUDING INSTALLATION IF REQUIRED

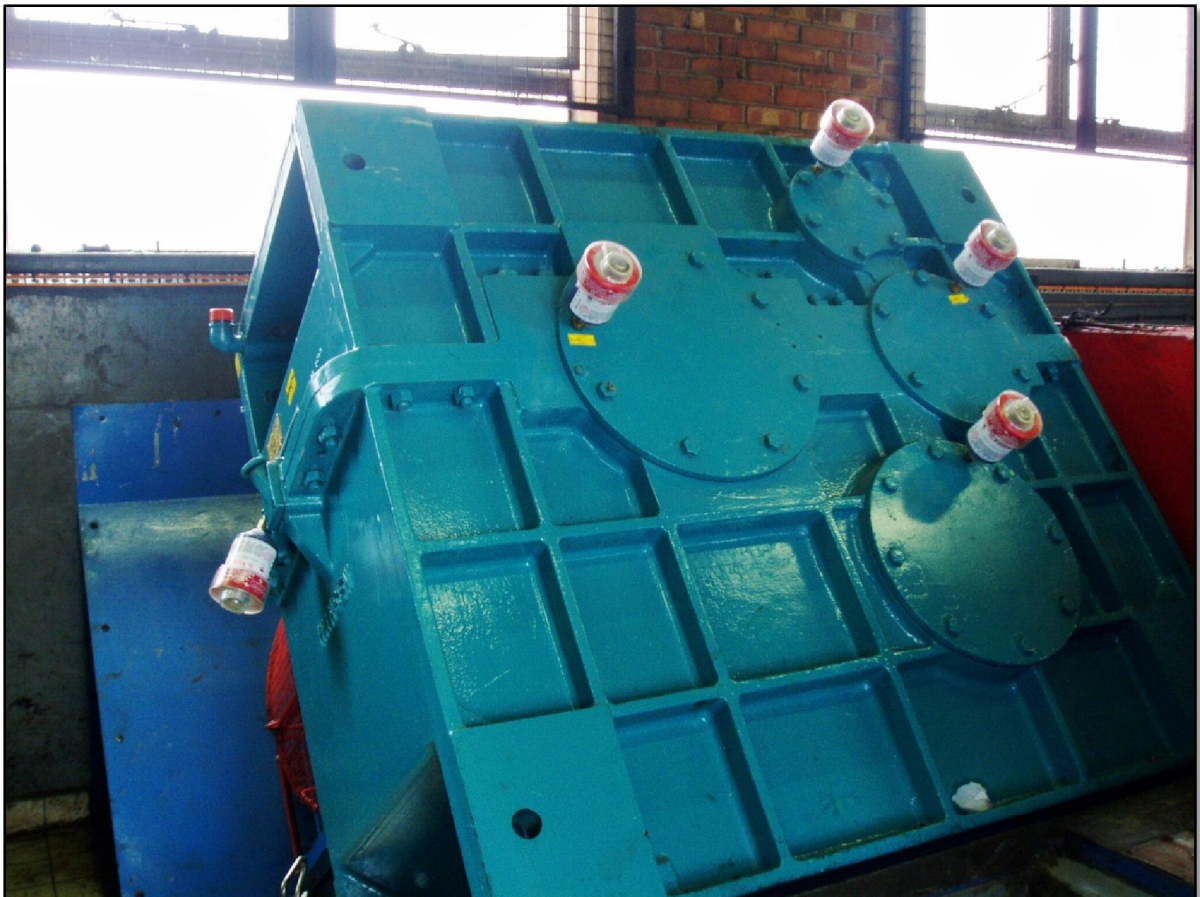
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SCREW PUMP GEARBOX

The Screw Pump Gearbox may have external grease lubrication points which are accessible for manual lubrication but easily overlooked.

SOLUTION

Install single point 125cc Electro-Lube gas powered self-contained automatic lubricators directly in place of the grease nipples, easily accessible for visual monitoring and annual change.



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