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Greasing Maxilift Cranes

Product:	Maxilift	Document No.	TB-035-A
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Relevant Models / Variants / Serial Numbers:		All models	

Background

All Maxilift cranes are supplied with several greasing points around the crane structure. These greasing points deliver grease to the critical elements of the crane, the main pivot pins, bushes and sliding boom sections. It is critical that these points are greased both at the installation of the crane, as well as periodically through the cranes operating life as described in the Use and Maintenance Manual provided with the crane.

Problem

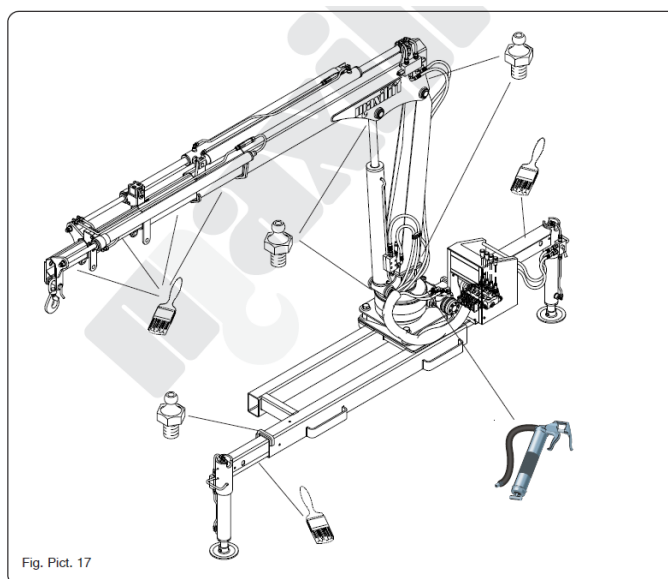
It has been found that cranes have been delivered without proper, or in some instances, any greasing procedure completed.

Solution

At time of the pre-delivery to customer, it is vital that all greasing points on the crane are greased appropriately, with the appropriate grease type. Greasing should then be completed monthly, as outlined in the Use and Maintenance Manual. The below table outlines the correct grease which should be used on all Maxilift Cranes.

Lubricant Type	Grade
General Grease	MP / EP2
Slew Gear Grease	WINN'S GS-80 / MOBILTAC-D / ESSO EDO-501

The general greasing points are shown below:



Note the difference between applying grease with a grease gun and applying it with an applicator on flat surfaces.

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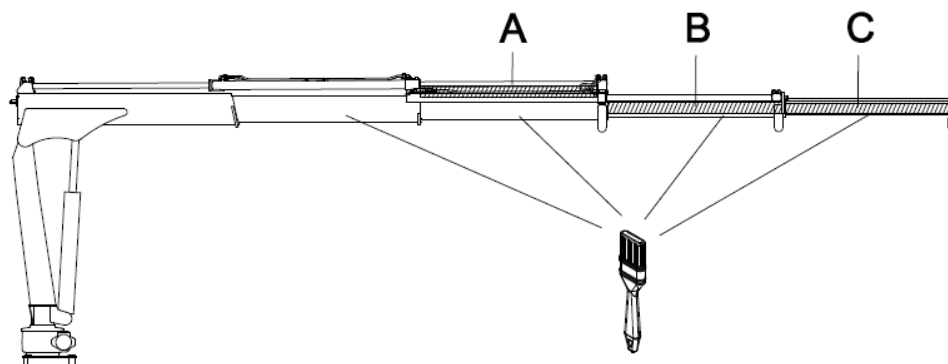
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Greasing the Hydraulic Booms

Position the boom horizontal, with the extensions fully out. In this position, apply the grease to the lower external surfaces for the entire length of the boom. The grease should be applied with a paint brush or something similar to ensure even and consistent application.



The inner surfaces of each boom section should also be greased such that all surfaces where the wear pads contact the adjoining boom sections are properly lubricated. A long-handled brush or similar, can be used to apply the grease from the back side of the boom profiles.

Extend and retract the boom extensions to ensure proper application of grease across all surfaces.

