



MAINTENANCE INSTRUCTIONS

MGH

6.6.Maintenance & Inspection

!	General maintenance and cleaning of the shear requires careful attention. Therefore the machine must be shut-off before starting any maintenance work.
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6.6.1. Type and Frequency of Inspections

Inspection	Period	Responsibility
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•	Lubrication	See: Lubrication Diagram	Operator
•	Lubrication of blades	Daily	Operator
•	Guards against any physical damage	Daily	Operator
•	Blade fixing bolts against loosening	Weekly	Operator
•	Oil leakage in cylinders	Weekly	Operator
•	Oil leakage in pipes, hoses and hydraulic elements	Weekly	Operator
•	Hydraulic fluid level	Weekly	Operator
•	Cylinder connections against loosening or breaking	Weekly	Operator
•	Safety & limit switches against loosening or damage	Weekly	Operator
•	Terminal connections of the electrical installation	Annually	Electrician

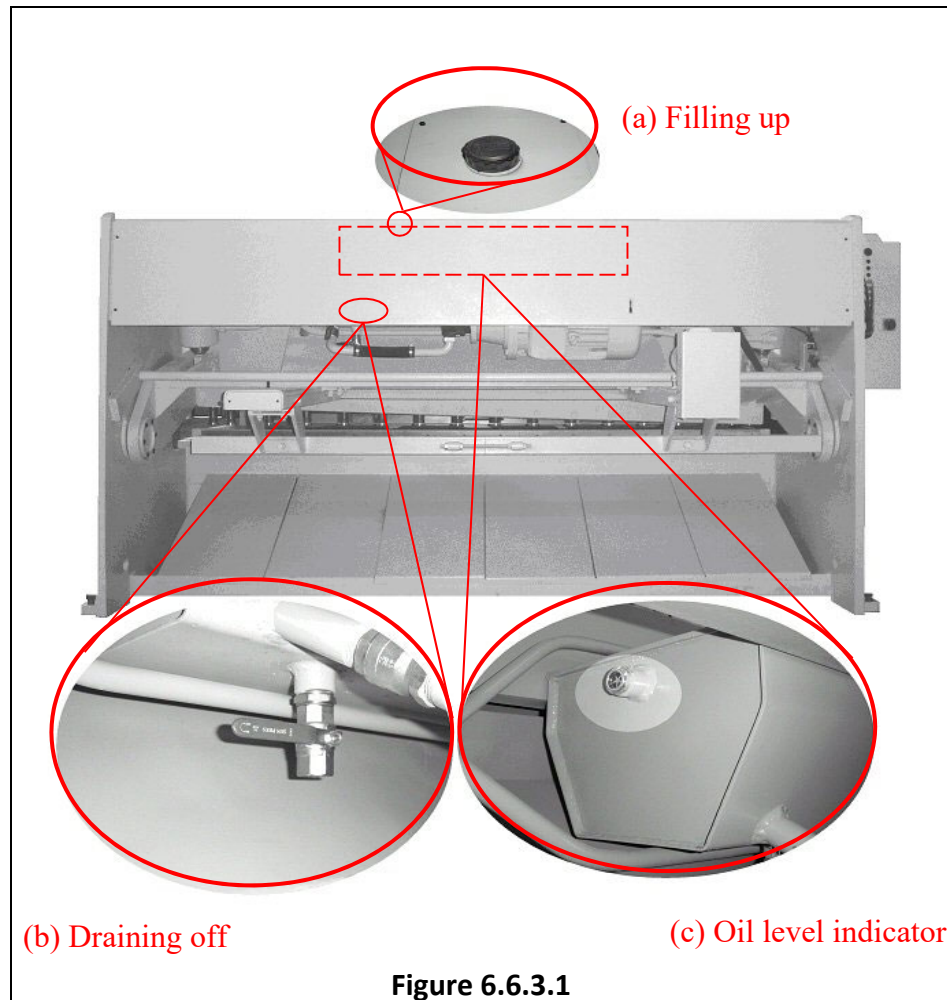
6.6.2. Hydraulic System

All precautions must be taken to keep the hydraulic system clean at all circumstances.

6.6.3. Changing Oil

Oil must be changed after first 2000 working hours of use, and then every 4000-6000 working hours.

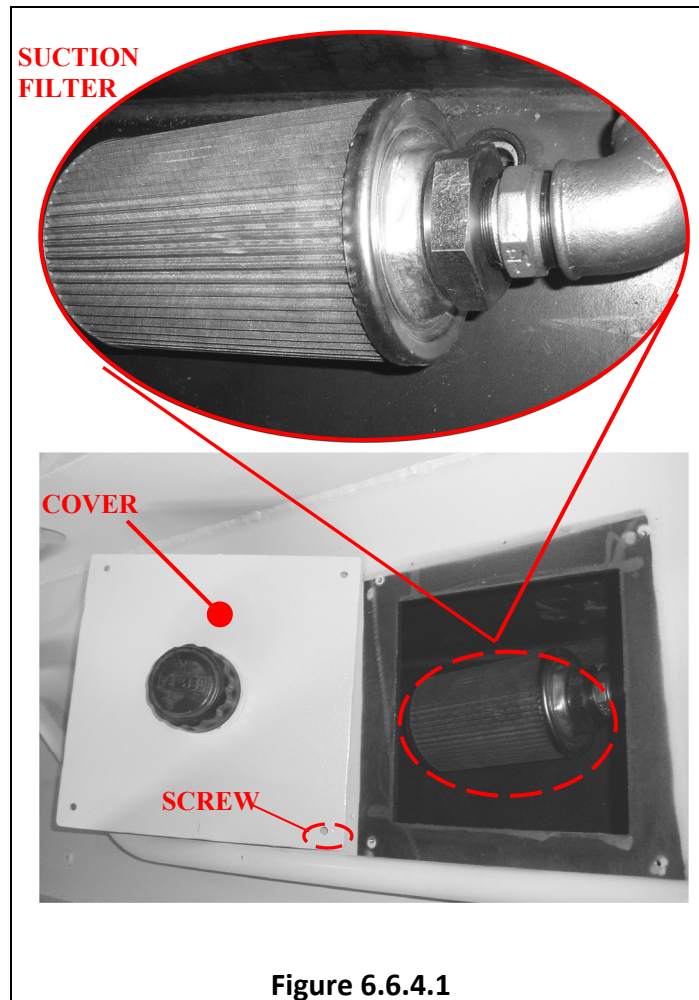
(SEE: Lubrication Diagram)



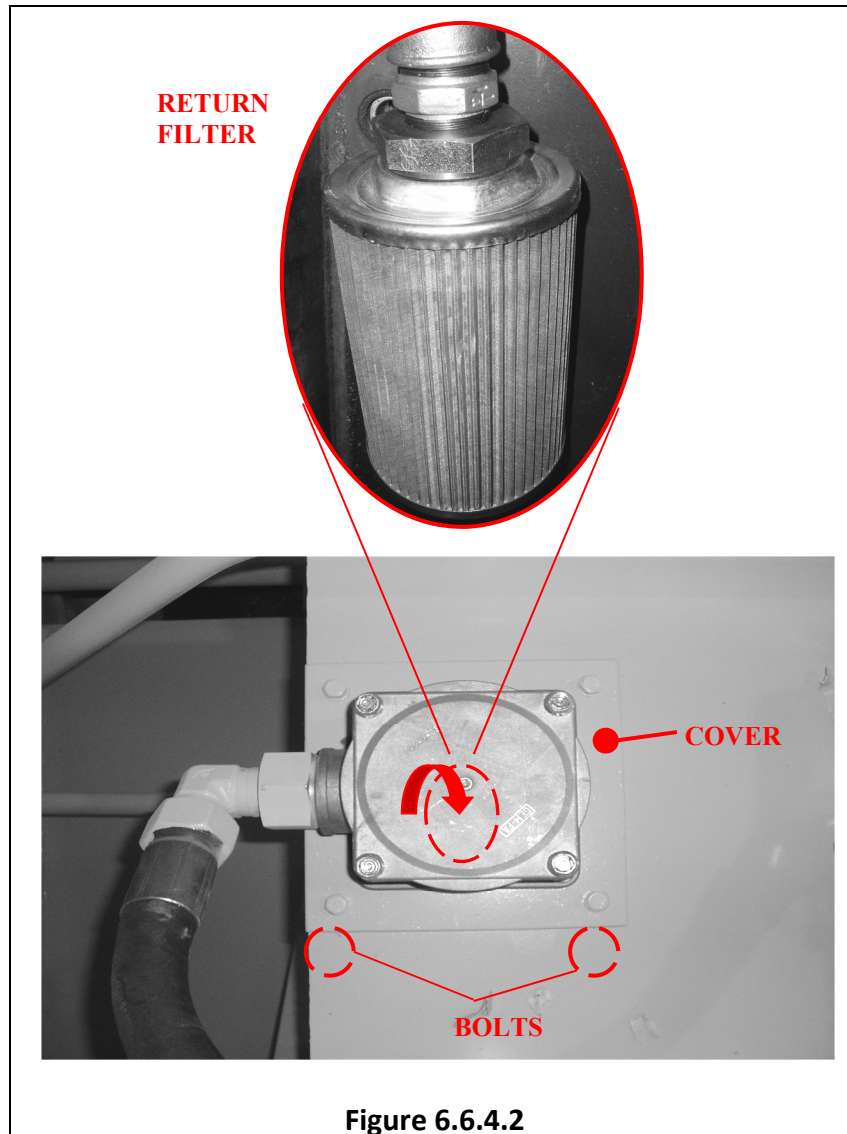
1.	Remove the oil tank cap.
2.	Open the valve under the oil tank to drain out the old oil completely. Note: Place a discharge hose to the valve cock to drain out old oil from oil tank to any tank.
3.	Using a pump or a proper equipment, fill in new oil from the filling up point seen in Figure 6.6.3.1.a . Oil level must be seen in the middle of the oil indicator. Observe the oil level from this indicator. Always keep the oil in same level.
!	When changing oil, keep the oil thank clean.

6.6.4. Changing The Filter

The return filter element must be changed after first 2000 hours of use, and then every 4000-6000 working hours.

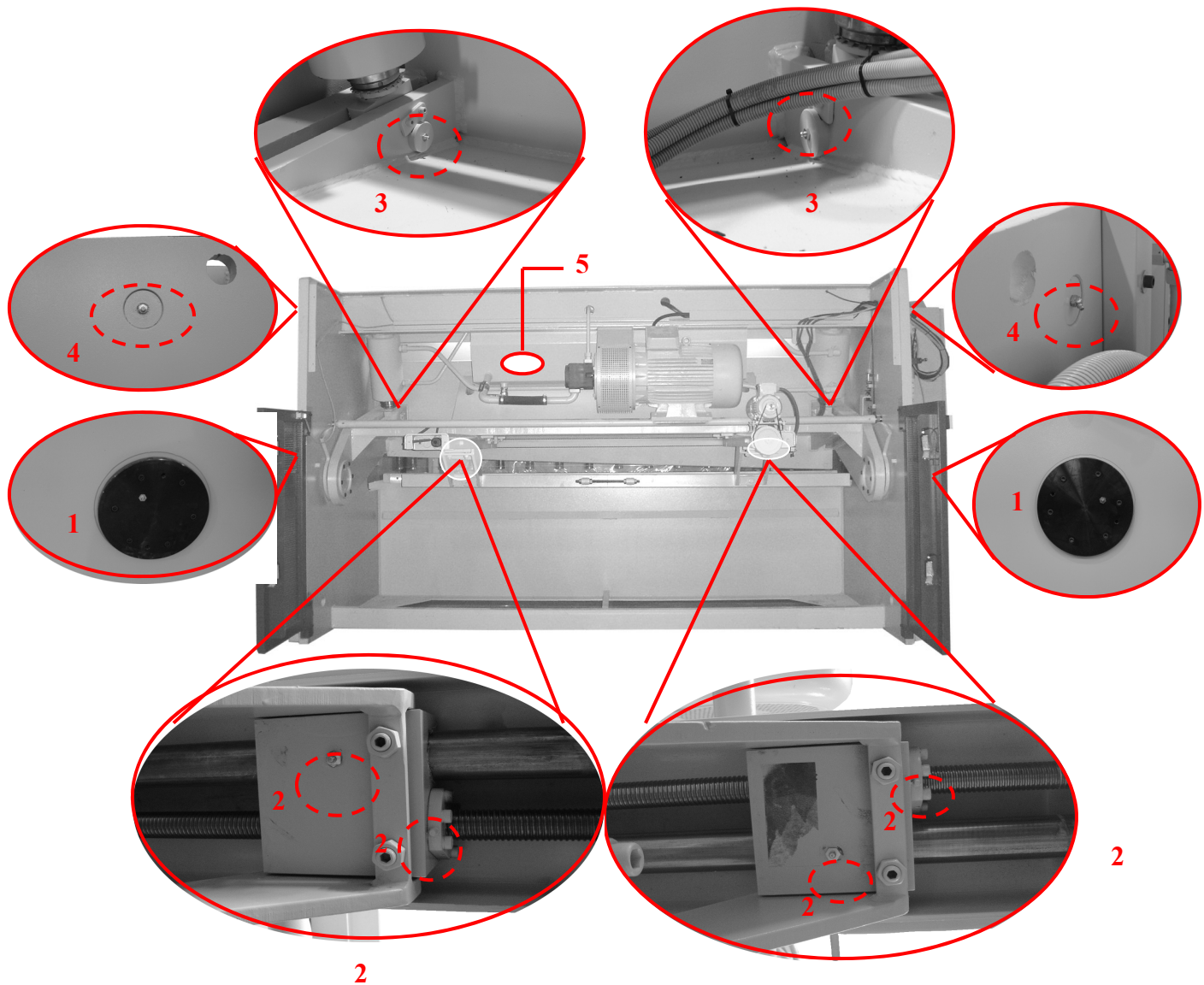


1. Remove the cover on the oil tank after losing and pulling out the screws.
2. Remove the old filter from its place inside oil tank by turning in CW.
3. Fix the new filter into its place by turning in CCW.



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| 1. | Remove the cover on the oil tank after losing and pulling out the four bolts. |
| 2. | Remove the old filter from its place inside oil tank by turning in CW. |
| 3. | Fix the new filter into its place by turning in CCW. |

7. LUBRICATION DIAGRAM

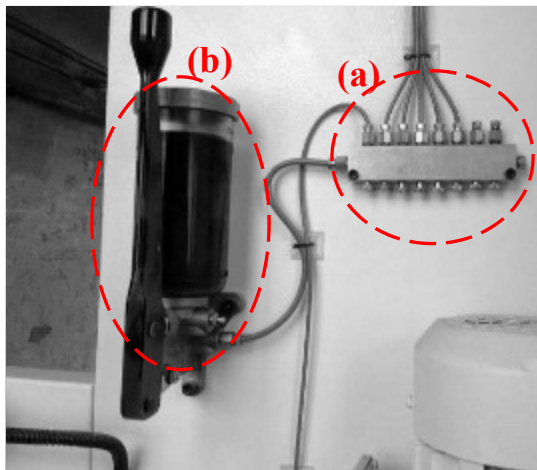


The oil must be changed every 2000 operating hours for the first time and every 4000-6000 operating hours thereafter!

BAYKAL

PLACE OF LUBRICATION	NO	NUMBER OF LUBRICATION SPOTS	OIL TYPE PREFILLED IN FACTORY	EQUIVALENT OIL TYPES	LUBRICATION PERIOD
BACK-GAUGE NUT	1	2	GREASE No.2	BP ENER GREASE C2	2-7 Days
ECCENTRIC HUB	2	2	GREASE No.2	BP ENER GREASE C2	60 Days
PISTON ARMS	3	2	MOLYKOTE BR 2 PLUS	BP ENER GREASE C2	90 Days
OIL TANK	4	1	$t < 10^{\circ}\text{C}$ – HLP 32 $t > 10^{\circ}\text{C}$ – HLP 46 $t > 30^{\circ}\text{C}$ – HLP 60	RANCO OIL 32 TELLUS 32 RANCO OIL 46 TELLUS 46 RANCO OIL 68 TELLUS 68	<u>The oil must be changed every 2000 operating hours for the first time and every 4000-6000 operating hours thereafter!</u>

7.1 MANUAL CENTRAL LUBRICATION SYSTEM



GRESS TYPE: NLGI 00

DESCRIPTION	NO	CODE
REGULATING MANIFOLD	(a)	YAGL B8
MANUAL PREASE LUBRICATOR	(b)	YAGL CLHA-20

LUBRICATION METHOD: Pump 2 will be published 2 times a day.