



MAINTENANCE INSTRUCTIONS

HNC

6.6. Maintenance & Inspection

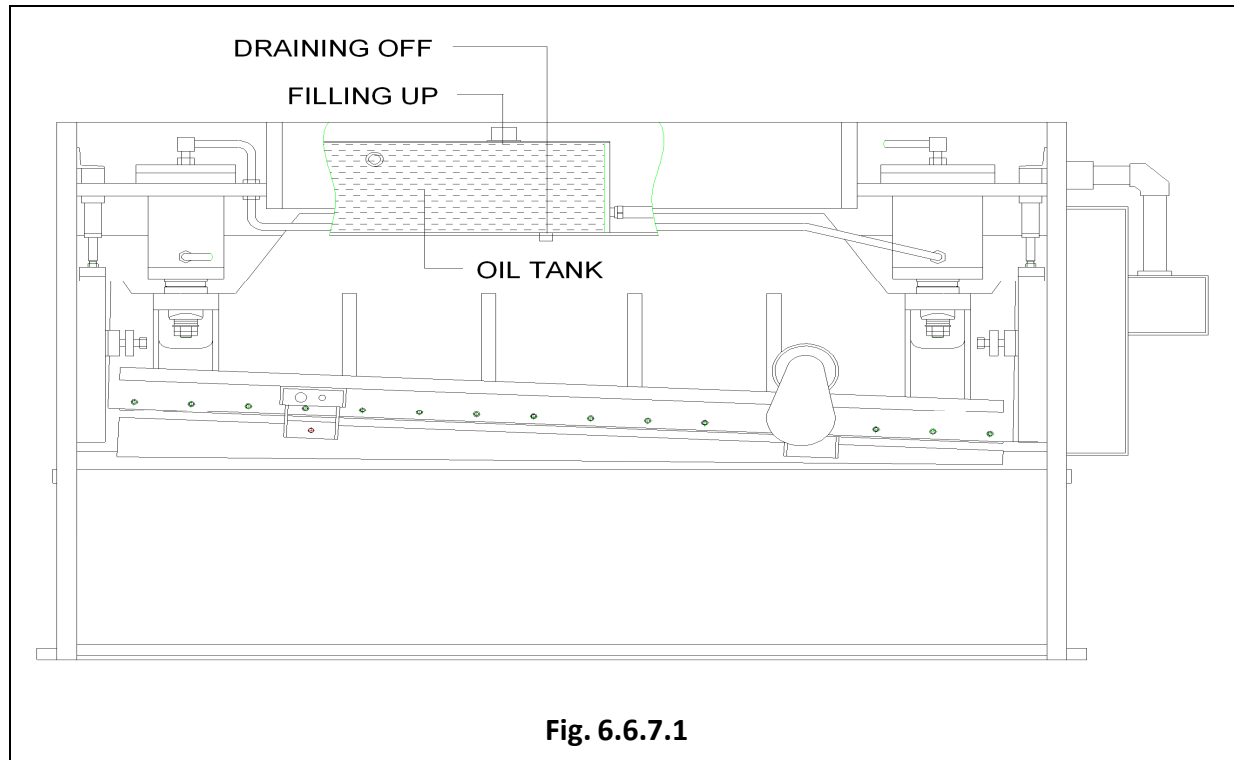
!	General maintenance and cleaning of the shear requires careful attention. Therefore the machine must be shut-off before starting any maintenance work.
---	--

6.6.1. Type and Frequency of Inspections

Inspection	Period	Responsibility
• Lubrication	See : Lubrication	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

6.6.7. Changing Oil

- Oil must be changed after the first 2000 working hours and then every 4000-6000 working hours. (See Lubrication Chart and Figure 1).



1.	Remove the oil tank cap (Filling up point in figure.6.6.7.1).
2.	Open the valve under the oil tank to drain out the old oil completely (Draining off point in fig.6.6.7.1). 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 fig 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.

6.6.8. Changing The Filter

1. The return filter element must be changed at every oil change. **(See fig. 2 for instructions to change).**
-

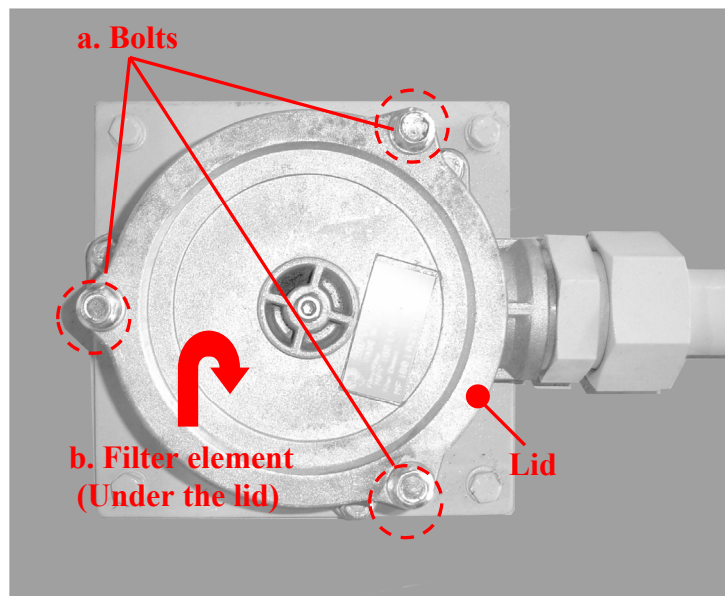


Fig.6.6.8.1

The return filter element is under the lid. In order to change the filter element ;

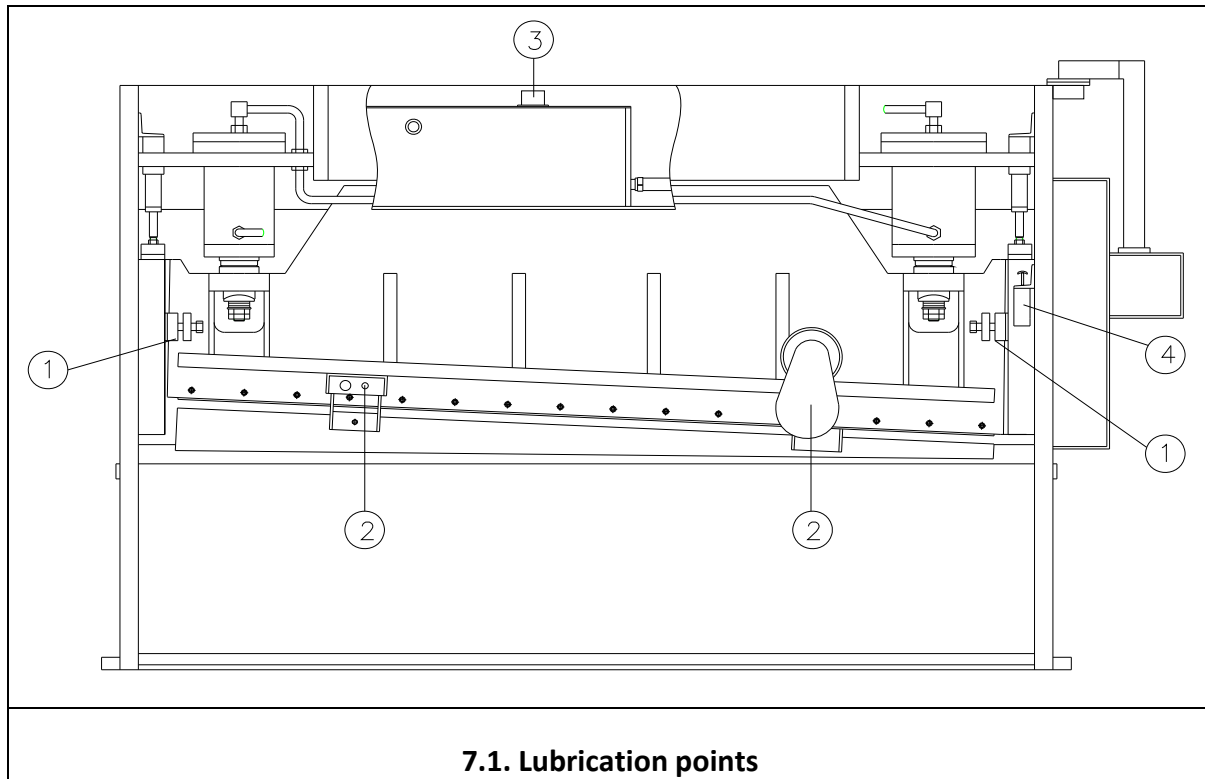
1. Remove the bolts (see fig.6.6.8.a)
 2. Take out the lid.
 3. Replace the filter element.
 4. Refix the lid and bolts.
-

2. The suction filter element must be cleaned regularly according to frequency of use. When it must be changed, proceed as follows.
-

7. LUBRICATION

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 °C – HLP 32 t>10 °C – HLP 46 t>30° C – HLP 60	RANDO OIL 32 TELLUS 32 RANDO OIL 46 TELLUS 46 RANDO 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>

BAYKAL



MANUAL CENTRAL LUBRICATION SYSTEM



GRESS TYPE: HLP 46

DESCRIPTION	NO	TYPE
REGULATING MANIFOLD	(a)	YAGL B2
MANUAL PREASE LUBRICATOR	(b)	YAGL CTA-3

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