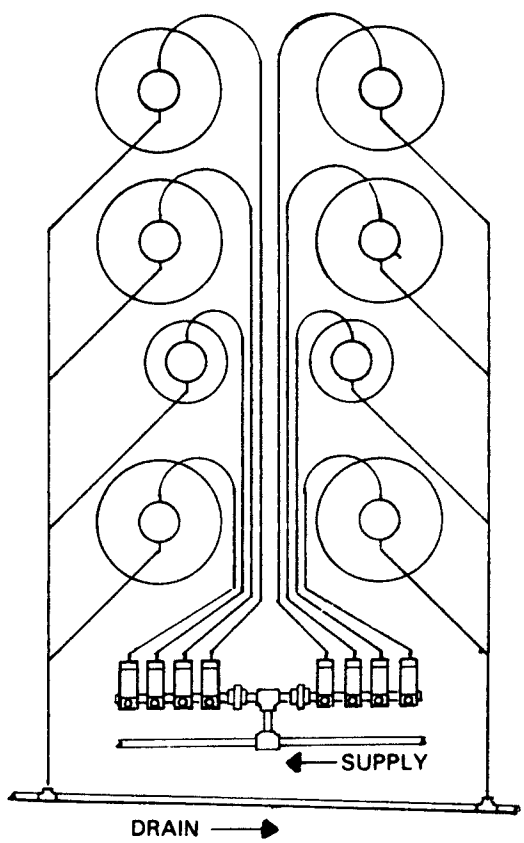
ENERVAC PRESSURE OILERS

Model E818A Pressure Feed Oilers

Description

The Model E818A Series Pressure Feed Oilers provide a precise control plus a visual indication of the quantity of oil being fed, under pressure, to a lubrication point. The oiler design permits installation in any convenient location, close by or remote from the lubrication point. Up to four oilers may be manifolded together and any number of these groups centrally located. This arrangement is particularly advantageous for equipment having many points of lubrication, as the operator can observe and control the flow from a central control point to remote or inaccessible lubrication points through discharge tubing from the pressure feed oiler.

ILLUSTRATION A



TYPICAL PRESSURE
OILER INSTALLATION

Installation

Install the Model E818A Oilers as shown in Illustration "A". The oiler must be installed in a vertical position to facilitate service. To prevent the possible starvation of lubricant to a bearing, no more than four oilers should be manifolded together. The oilers at the end of the manifold, its unused connection must be closed with a suitable pipe plug.

Operation

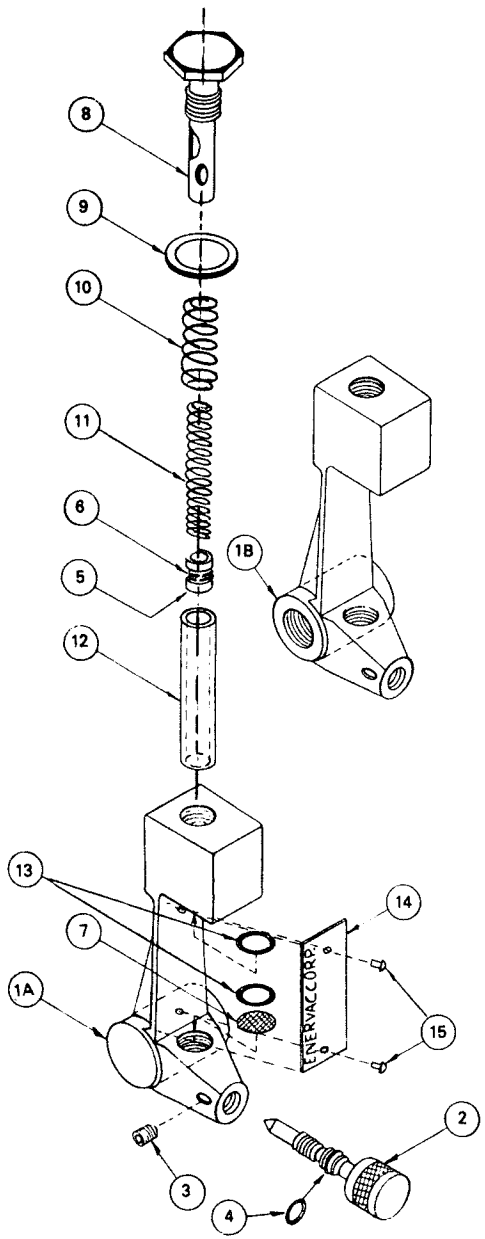
Start the flow of oil through the System, then turn the adjusting knob on the Oiler and observe the oil flow through the sight glass tube lifting the plunger. Adjust the knob until the plunger is aligned with the desired flow on the indicating plate. The indicating plate is calibrated in pints per minute.

NOTE: Adjust the oiler by hand only. Never use wrenches, etc. to turn the adjusting knob screw.

Oilers are produced in various ranges of flow. It is best to pick a range where the desired flow will be as close to mid range as is possible. This provides the best accuracy.

Maintenance

Maintenance is quite simple. The oiler can be completely disassembled by removing the top retainer nut (8) and the adjusting screw assembly (2), after loosening set screw (3). Inspect all parts carefully, renewing any which are worn or damaged. Check and clean if necessary inlet screen (7). Then reassemble. See blow up of oiler on reverse side of this page for proper assembly.



MODEL AND ASSEMBLY NO.

MODEL	E-818A-2A	E-818A-4A	E-818A-8A	E-818A-16A
ASSEMBLY NO.	101260	100791	100793	101112
MODEL	E-818A-2B	E-818A-4B	E-818A-8B	E-818A-16B
ASSEMBLY NO.	101261	100792	100794	101113

DESCRIPTION — SPECIFICATIONS

FLOW-PINTS PER MINUTE	0.25 to 2	0.5 to 4	1.0 to 8	2 to 16
MAXIMUM WORKING PRESSURE	125 P.S.I.	125 P.S.I.	125 P.S.I.	125 P.S.I.
MAXIMUM OPERATING TEMPERATURE	225°F	225°F	225°F	225°F
OIL VISCOSITY S.S.U.	100-1000	100-1000	100-1500	100-3000

REPAIR PARTS LIST

ITEM NO.	DESCRIPTION	2A-2B	4A-4B	8A-8B	16A-16B
1A	OILER BODY 'A'	100805	100805	100805	100805
1B	OILER BODY 'B'	100806	100806	100806	100806
2	ADJUSTING SCREW ASSEMBLY	100801	100801	100801	100801
3	SET SCREW	E-12686	E-12686	E-12686	E-12686
4	'O' RING	E-12684	E-12684	E-12684	E-12684
5	PISTON ASSEMBLY	101262	100795	100796	101115
6	TEF 'O' RING	100800	100800	100800	100800
7	INLET SCREEN	100807	100807	100807	100807
8	RETAINER NUT	100808	100808	100808	100808
9	RETAINER WASHER	100809	100809	100809	100809
10	SPRING RETAINER	100810	100810	100810	100810
11	SPRING PISTON	100811	100811	100811	100811
12	SIGHT GLASS	100812	100812	100812	100812
13	'O' RING	E-12685	E-12685	E-12685	E-12685
14	INDICATOR PLATE	101234	100814	100815	100813
15	DRIVE SCREW	E-12687	E-12687	E-12687	E-12687