Oil control valve

Models 758 and 758F

758

758F

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Safety

Read and carefully observe these operating instructions before unpacking and operating equipment. Equipment must be operated, maintained and repaired exclusively by persons familiar with operating instructions. Local safety regulations regarding installation, operation and maintenance must be followed.

Operate equipment only after safety instructions and this service manual are fully understood.

Do not exceed maximum working pressure of 1 000 psi *(69,0 bar)*.

Explanation of signal words for safety

NOTE

Emphasizes useful hints and recommendations as well as information for efficient and trouble-free operation.

⚠ CAUTION

Indicates dangerous situation that may lead to light personal injury or property damage if precautionary measures are ignored.

⚠ WARNING

Indicates dangerous situation that may lead to death or serious injury if precautionary measures are ignored.

⚠ DANGER

Indicates dangerous situation that will lead to death or serious injury if precautionary measures are ignored.

Specifications

Wetting components	Acetal, aluminim, nitrile (NBR), mild steel
Maximum working pressure*	1 000 psi *(69 bar)*
Flow range	0 to 7.5 gal/min *(0 to 28 l/min)*
Minimum flow (oil and anti-freeze)*	At 150 psi *(10 bar)*: 2.5 gal/min *(9,5 l/min)* At 450 psi *(31 bar)*: 5.0 gal/min *(19,0 l/min)* At 750 psi *(52 bar)*: 7.5 gal/min *(28,0 bar)*
Inlet thread	1/2 NPT (F)
Operating temperature	14 to 131 °F *(-10 to + 55 °C)*
Weight (approximate)	2.01 lbs *(0,8 kg)*
Materials*	Aluminum body, plastic handle

* Indicates change.

Introduction

The 758 series control handles are designed for use with engine oil, gear oil, automatic transmission fluid, anti-freeze/anti-boil and compatible fluids.

Manual aids in operating and maintaining this new control handle and will help ensure many years of dependable performance and trouble-free operation. Retain instruction manual to assist in operation and maintenance of product.

Assembly

Use PTFE tape (or suitable thread sealant) when connecting control handle to hose.

NOTE

Install pressure relief valve to help prevent damage due to excess system pressure.

⚠ WARNING

Do not hit control handle if it fails to operate. Refer to troubleshooting guide or return unit to nearest authorized service center.

Do not point nozzle toward body.

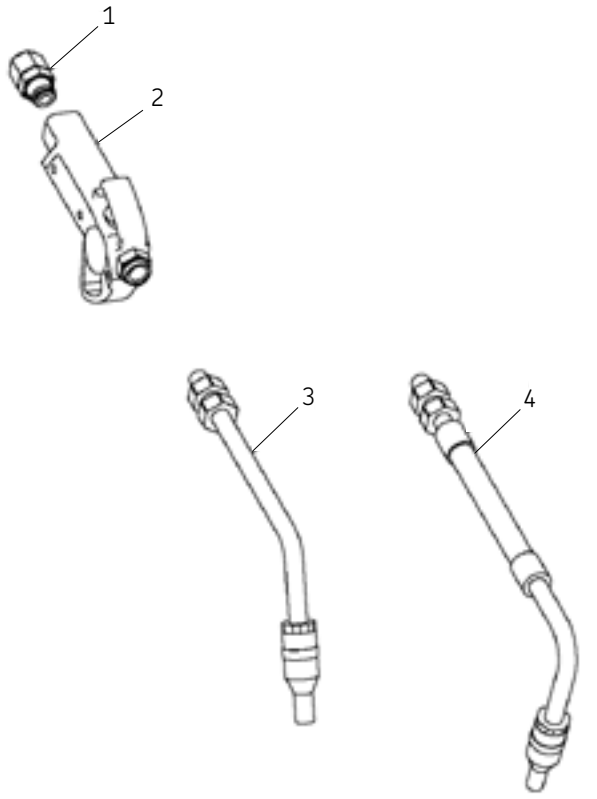
Do not exceed pressure rating of any component installed in system.

Check all hoses for signs of wear, leaks or loose fittings before every use. Tighten all fluid connections regularly.

Disconnect air supply from oil pump before attempting any repair or maintenance of product. Release line pressure by squeezing lever on control handle

Failure to comply may result in death or serious injury.

Fig. IPB 1



Automatic nozzle operation

Outlet nozzle automatically opens when fluid flows through valve. Outlet nozzle automatically shuts off when fluid flow stops.

Handle operation

To latch handle, squeeze lever, push button and release lever.

To release latch, squeeze and release lever.

Control handle disassembly

⚠ CAUTION

Disconnect air supply from pump and release fluid pressure in system before attempting maintenance. Release fluid pressure by pressing lever on control handle.

Inspect oil control handle daily for signs of damage. Replace any damaged part or component as required.

Use a clean bench for maintenance.

Failure to comply may result in light personal injury or damage to equipment.

Service parts

Item	Description	Part number	Quantity
1	Swivel	278077	1
2	Handle	278076	1
3	Rigid nozzle	278078	1
4	Flex nozzle	278079	1

Warranty

The instructions do not contain any information on the warranty. This can be found in the General Conditions of Sales, available at: www.lincolnindustrial.com/technicalservice or www.skf.com/lubrication.

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