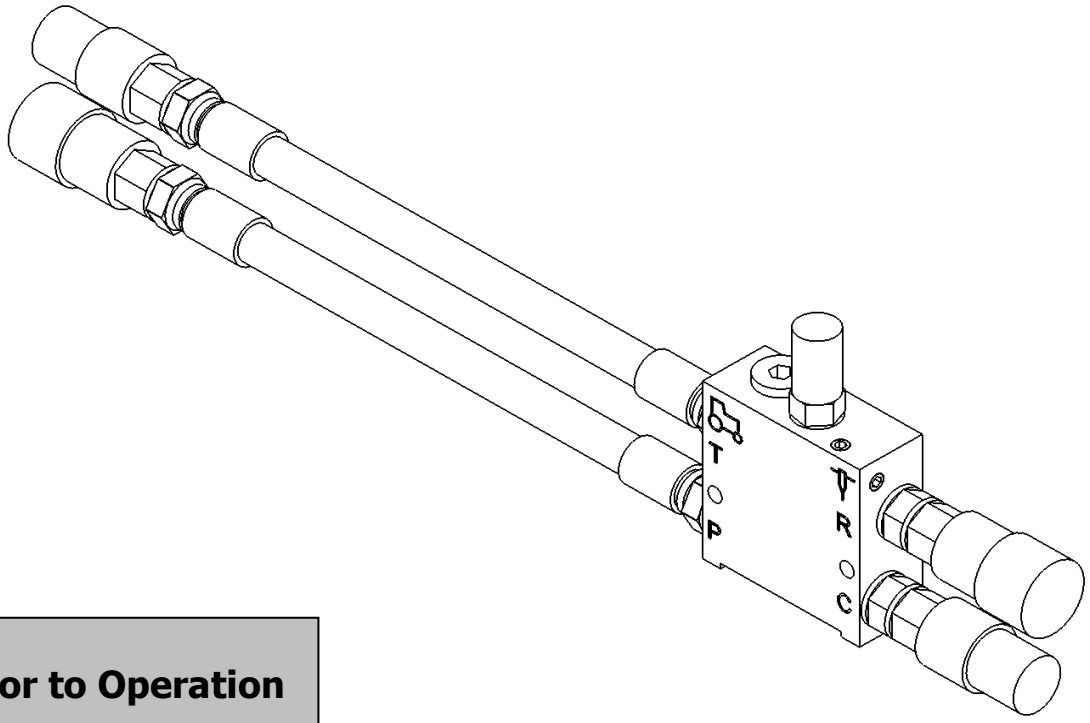
TITAN
POST DRIVERS



Prior to Operation

We thank you for choosing the Titan Oil Flow Divider.

We recommend that you study this operating manual carefully and pay special attention to the chapter about ***Safety Precautions***

We hope you are satisfied with your new Oil Flow Divider.

Operator's Manual

PHDHDSAFD
Oil Flow Divider

Contents

Page

Safety Precautions

- A fine jet of oil at pressure can penetrate the skin. It is therefore important never to use your fingers to check for oil leaks and never to hold your face close to suspected leaks – use a piece of cardboard instead. If oil has penetrated the skin, you should get medical treatment immediately.

- Always use approved hoses - contact your dealer if necessary. Mount the hoses correctly. See the chapter ”Connection”.

- High oil temperature may cause the Oil Flow Divider to become warmer than usual, increasing the risk of the operator being burned.

- To avoid all personal injury and damage to material, all repair, maintenance and service work must be carried out by authorized or properly trained persons only.

IMPORTANT

- Always use hoses, couplings, and spares as recommended by Titan Post Drivers.

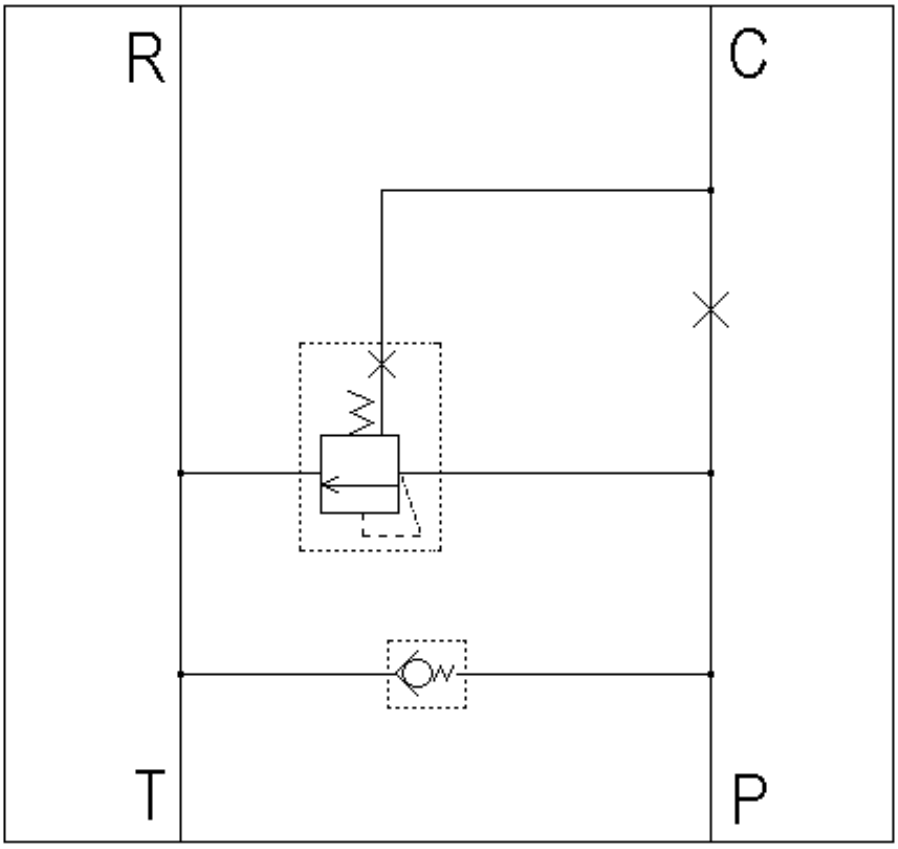
- Repairs may only be carried out by qualified personnel.

- Make sure that all couplings are cleaned before connection.

- Always disconnect the hydraulic circuit before connecting or disconnecting the tool from the Oil Flow Divider. If this is not done, there is a risk of damage to the quick release couplings or the hydraulic system getting superheated.

Technical Data

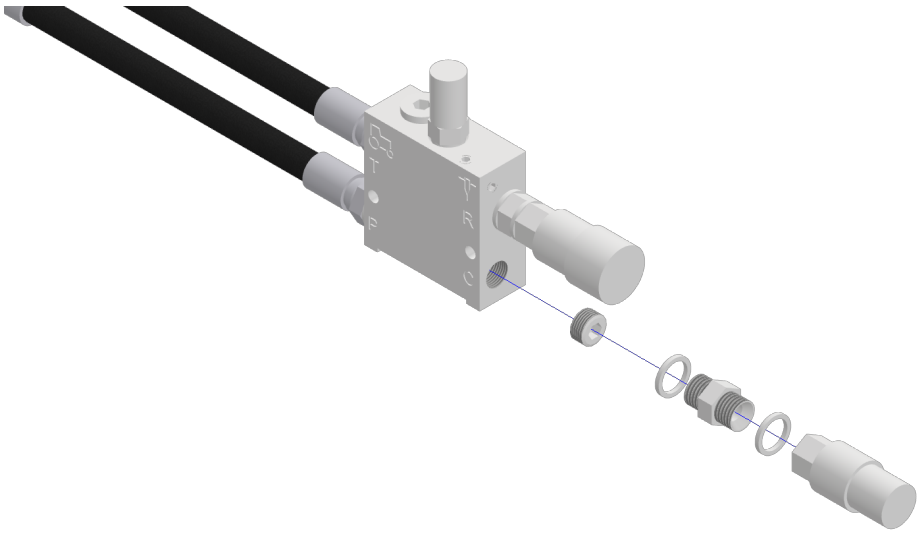
Pressure relief valve (power source)	Max 3480 PSI or 240 bar
Oil flow (power source)	Max 21 GPM or 80 LPM
Pressure relief valve	2320 PSI or 160 bar
Oil flow out *GPM (LPM)*	5 (20), 8 (30), 10 (40) or 12 (45) The oil flow is regulated by interchangeable nozzles. Standard is 5 GPM (20 LPM).



Changing Oil Flow Output

Tools required to change the nozzle from 5 GPM to 8 or 10 GPM.

1 - 27 mm combination wrench
1 – 10 mm allen key

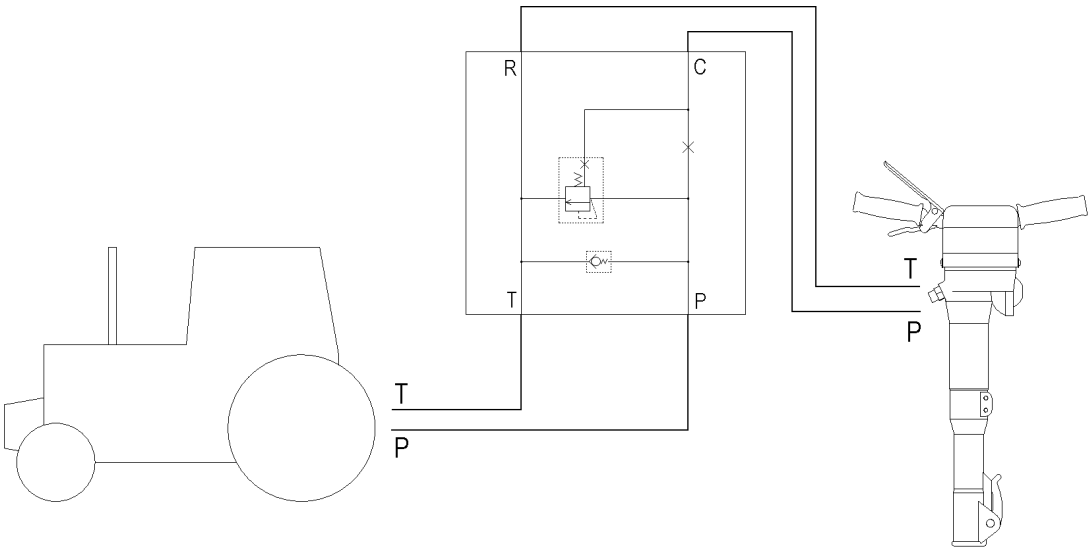


1. Remove the QR coupling with the combination wrench.
2. Remove the fitting with the combination wrench.
3. Remove the nozzle (Standard 5 GPM) with the allen key.
4. Insert the new nozzle and torque to 44 in-lb.

On the back of the nozzle, the size is marked in LPM.

5. Install the fitting, ensuring the seal ring is in place on both sides. Torque to 36-foot pounds.
6. Mount the QR coupling and torque to 36 ft-lb.

Connection



The Oil Flow Divider can be connected to various power sources, like excavators, trucks, loaders, tractors, etc. The Oil Flow Divider reduces the flow from these machines so that they can be used as a power source for the Titan PHD6400 Hydraulic Post Driver.

If the oil flow supplied to the Oil Flow Divider exceeds its maximum rating, excessive heat can build up in the hydraulic system. Continued operation under these conditions may lead to premature wear or failure of the driver and associated hydraulic components. Reduce pump or machine RPM to maintain the recommended flow rate.

Connect the port marked P on the flow divider to the power source feed line and the port marked T on the flow divider to the power source return line.

The tool can then be connected to the Oil Flow Divider.

Service and Maintenance

Service/Maintenance	Daily	Weekly	Yearly
Check couplings and clean carefully	X		
Check hoses	X		

Oil Types

Titan Post Drivers hydraulic tools use standard hydraulic oil that complies with the values shown in the table below:

Ambient temperature range	Below 10°C 50°F	10 … 30°C 50 … 86°F	Above 30°C 86°F
Recommended oil viscosity grade	VG 32	VG 46	VG 68

Recommended oil cleanliness		ISO 4406 /19/16 / NAS 1638 10
Viscosity index	Minimum	100
Oil temperature area	°C /°F	-20 to 70 / -4 to 158

Warranty Terms

We grant 12 months warranty from the first date of operation – however, not more than 18 months from the date of delivery.

The warranty applies to faults that can be related to construction and production errors.

Faults caused by incorrect operation, incorrect handling, lack of maintenance, or the like will not be accepted as warranty.

The warranty covers the parts necessary for repair and the suggested average time needed for repair.

For further warranty details, please contact Titan Post Drivers.