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No. 9701

## Wetline Hydraulics

### Models Affected -

ALL trailers with gooseneck hydraulics supplied by a tractor Wetline / PTO

A common question concerning tractor wetline systems used with Eager Beaver trailers is what pressure and flow is required. The pressure available from the tractor PTO pump should be 3,000 psi.. The flow should be between 6 - 10 gpm..

It is important that the flow **not** exceed 15 gpm. or a pressure drop will occur. This means that the 3,000 psi. at the pump will never be 3,000 psi. at the cylinders. If the tractor has a larger flow pump such as 20 - 30 gpm., used on dump trailers, a flow divider can be used to divert a limited amount (6 - 10 gpm.) of flow to the trailer. The flow divider can be put on the tractor or the trailer.

**CAUTION!** If the tractor PTO has too great of flow and a flow divider is not used, damage to the pump may occur.

The other question that is often asked is which quick disconnects are used. The standard fittings are from Aeroquip, but the Parkers will completely interchange. The coupler part number are shown below. The basic body size is 3/4" and the thread is 3/4" female NPT.

	<u>Eager Beaver</u>	<u>Aeroquip</u>	<u>Parker</u>
	<u>P/N</u>	<u>P/N</u>	<u>P/N</u>
Coupler (female)	2059942	FD45-1003-12-12	H6-62
Nipple (male)	2059941	FD45-1002-12-12	H6-63

Eager Beaver uses Chevron Clarity Hydraulic Oil, ISO Grade 68. The tractor PTO oil must be compatible with our product.