## **Hydraulic questions:**

#### What are the hydraulic requirements for your spreaders?

V-box spreaders: 1500 PSI @ 15/7 gpm
Tailgate Spreaders: STCC 1500 PSI @ 15/7 gpm
Cross Conveyor: 2000 PSI @ 20 gpm flow
APB - Dual Flow: 1500 PSI @ 15/7 gpm

HYD. Motors

APB - Hoist: 2000 PSI

PV/MDV Spreader: 1500 PSI @ 10 gpm flow (in series)

Single flow valve dual flow valve 1500 PSI @ 17 gpm 10 conv. /7 spinner

#### What kind of gear oil should be used in a gearbox?

EP 85W 140 (extreme pressure)

#### What hydraulic oil should be used?

A premium grade of petroleum based hydraulic oil that has wear, oxidation and foam inhibitors.

## V-box questions:

#### What are the differences between the EV100, EV150 and EV200 models?

EV100 has a 25:1 gearbox, 1- 1/2" drive shaft, 1- 1/4" idler shaft and 6 tooth sprockets.

EV150 has a 50:1 gearbox, 2" drive and idler shafts and 8 tooth sprockets.

EV200 has a 6:1 spur gearbox, 2" drive shaft, 1-1/2" idler shaft and 8 tooth sprockets.

## Tailgate questions:

# Do / need an additional battery in my truck to run the electric tailgate spreader?

Not if your truck is already equipped with dual batteries or high output alternator.

PV and Poly Hawk questions:

#### What is the amperage draw of an electric Poly Hawk?

The Poly Hawk Electric draws 50 amps constant and spikes to 100 amps maximum.

#### What battery should I use on my PV's?

You should use a 12 volt, top post automotive battery with a minimum 500 CCA, Group size 24 or smaller.

## **Warranty questions:**

#### What is the warranty period on your products?

The warranty on parts and spreaders is one year.

The warranty on the poly hoppers is ten years.

#### **Return Questions:**

#### What do I need to do if I want to return product to you?

We will need the following:

- 1) Invoice number or purchase order of original purchase
- 2) The part number(s) and quantities you wish to return
- 3) The reason you wish to return the product
- 4) RGA form that needs to be filled out is located on our website

Your request will be reviewed and we will determine if the product can be returned and what restocking fee will be applied to the return.

## **General questions:**

#### Do you drop ship orders?

Swenson Spreader will drop ship to any location provided the receiver has means to accept shipment, i.e., receiving of whole goods, etc.

### Is there an additional charge?

Swenson Spreader will drop ship at no additional charge.

# How do I identify the model number of my spreader without a serial number?

#### V-Box Spreaders

The customer service department can attempt to identify your product based on measurements of the length, width and height of the hopper body.

#### Under tailgate Spreaders

These can be identified based on the position of the drop port, method by which the auger is driven (direct drive or gearbox driven, etc) and the size of the auger.

### Can I order directly from Swenson Products?

No, Swenson Products are offered through a 'dealer network" that can be found through the dealer locator on our website.