

Warranty and Terms of Coverage

General Warranty Subject to Terms and Conditions:

12 Months Warranty on Components and Workmanship.

Due to the nature of the Industry and the Environment in which the systems operate the following Terms and Conditions Apply:

- 1.) All trucks are pressure tested, set, and marked on conclusion of fitment. Relief Pressure settings are under no circumstances to be tampered with or adjusted without our (Mechanos) prior knowledge and approval. Doing so will Void the warranty on ALL hydraulic components (System) without exception.
- 2.) Due to their less-than-ideal Environment, Quick couplers are not covered under warranty post acceptance of delivery. We have taken all precautions possible to ensure they remain clean and leak free up until first connection. We are not responsible for ensuring trailer compatibility and or correct use by the end user. If specific couplings are required by the end user, this must be specified in the order request prior to fitment. If training and/or assistance to connect is required, this can gladly be arranged.
- 3.) Dirt ingress into the hydraulic system is the most common cause of system failure. If the system is found on Inspection/Breakdown to have the filter element missing/removed, System Warranty will be Void. Filters are held in stock and available as required.
- 4.) Basic Driver Inspection of the system is necessary prior to each run. If there are any apparent leaks/system damage or the oil is not on the site glass, these must be addressed prior to system operation. Continuing to run with a known or apparent fault will void the system warranty.
- 5.) Damage caused by Driver/Operator error (such as forgetting to disconnect the hoses from the trailer when detaching the trailer) is not covered under warranty.
- 6.) Damage caused due to modification to the truck (such as relocation of the fifth wheel post commissioning, especially applicable to in Chassis systems) or due to incorrect refitment of components due to maintenance required or accident damage, by non Mechanos members, will not be covered under warranty.
- 7.) Damage caused by running an alternate type of trailer for which the truck is commissioned will not be covered under warranty.
- 8.) All systems require to be serviced/checked for wear and tear once a year to ensure a healthy service life and prevent costly breakdowns.
 - Yearly filter change/Inspection.
 - Oil changes every second year unless water/dirt Ingress apparent.
 - Vibration Dampers/mounts to be changed every 3 years.

General Information:

Mechanos Side Tipper Hydraulics:

System Oil Capacity: **±40L**
(Excluding Trailer)
Pump Type: **Axial Piston Pump**
Pump Displacement: **50cc**
Maximum Continuous Pressure:
250 BAR (300 BAR Available on request at additional charge)
(Maximum Relief/Continuous pressure)
Recommended Relief Set Pressure: **220-230 BAR**
Recommended PTO. Rev Setting: **800 RPM**
Quick Couplers Fitted as Standard: **½" Ball Type**

Mechanos Petro/Chem Hydraulics:

System Oil Capacity: **±140L**
(Excluding Trailer)
Pump Type: **Gear Pump**
Pump Displacement: **60cc**
Maximum Continuous Pressure:
180 BAR
(Maximum Relief/Continuous pressure)
Recommended Relief Set Pressure: **160 BAR**
Recommended PTO. Rev Setting: **800 RPM**
Quick Couplers Fitted as Standard: **3/4" FASTER Pin Type (Pressure) 1" FASTER Pin Type (Return)**

Mechanos Walking-Floor Hydraulics:

System Oil Capacity: **±140L**
(Excluding Trailer)
Pump Type: **Axial Piston Pump**
Pump Displacement: **105cc**
Maximum Continuous Pressure:
220 BAR
(Maximum Relief/Continuous pressure)
Recommended Relief Set Pressure: **200 BAR**
Recommended PTO. Rev Setting: **800 RPM**
Quick Couplers Fitted as Standard: **3/4" FASTER Pin Type (Pressure) 1" FASTER Pin Type (Return)**