



Terex Utilities

PRODUCT ADVISORY

PA702A

DATE: 9/9/2021

REVISED: 3/20/2024

TO: Owners, Users, Dealers, and Installers

MODELS AFFECTED: TM

SUBJECT: Cold Weather Operation

Issue:

When Terex TM aerial devices are operated in weather conditions below 40 degrees F, the controls, including the Emergency Stop, may operate sluggish and not respond as normal if the precautions in this bulletin and in the Operator's Manual are not followed.

Action:

When operating the TM aerial device in cold weather the following precautions must be taken:

- Fill the hydraulic system with a hydraulic fluid with a pour point suitable for the temperature. ISO 15 hydraulic oil is recommended.
- Properly warm up the machine before use:
 - Operate the pump at idling speed to allow the oil to warm up gradually. Cold, thick, sluggish oil may not move fast enough and will starve the pump, thus causing severe damage.
 - Circulate the oil through the outrigger system by cycling each outrigger several times before setting up for boom operation.
 - Circulate the oil through the system by cycling each function from the lower controls before operation from the platform.
 - After warming the oil, raise the upper boom until the limit system stop valve is actuated. Leave the upper boom in this position for 30 seconds to 1 minute to cycle the warm oil through the limit system.
- Operate the boom and functions slowly to prevent jerking and shock loads.
- The addition of oil heaters may be necessary to aid in warming the oil.
- Allow more time and distance when starting and stopping movements as functions may operate sluggish and not be as responsive.

What Terex will Do:

If the above actions have been taken and there is still a delay in the function of the Emergency Stop in cold weather, Terex is offering Field Service Kit Z1617 for purchase. The kit, Z1617, removes the original E-Stop control and replaces it with an E-Stop handle in the Upper Control Option Valve Assembly. This kit will apply to machines produced prior to February 2020. The action above is still required for proper operation in cold weather.

Terex and local industry standards (CSA and ANSI) require the purchaser of a Terex unit report to Terex the model and serial number of each machine. Use the Owner Update Form in the manual. Please contact TEREX Utilities Warranty Department at 1-844-837-3948 or utilities.warranty@terex.com or online at: <https://www.terex.com/utilities/en/support/product-registration>