



# TEREX®

## ***Operator's Manual***

Serial number range

***GTH-1256 AF***

From GTH12AFM-101

Original Instructions

First Edition

First Printing

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Part No. 57.0009.0735

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## Work Area Safety

Only use the machine on firm ground capable of supporting the maximum combined load of the machine and payload. If the subsoil collapses, the machine could tip over. To avoid any risk of overturning, the following precautions should be taken:

- Ask your employer (site manager or manager assistant) if there may be buried pipes, pits, old tanks, cellar floor, dung yards, etc. under the ground onto which the stabilizers shall be lowered.
- Site ground consistency can be roughly estimated using the tables and picture in this page.
- The resistance of the subsoil is in relation to the ground type and soil characteristics.

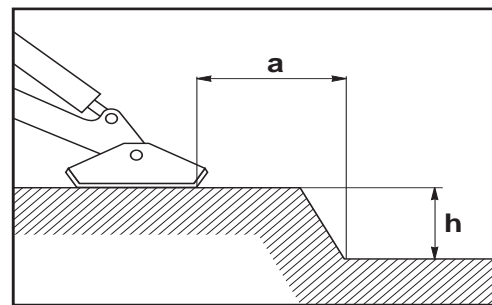
Table 1 indicates the superficial pressure which may be allowed under the stabilizers of the machine.

Type of ground, soil characteristics	Allowable superficial pressure KPa <sup>2</sup>	
loose, non-compact soil	generally speaking, not solid; special precautions needed	
loamy, peaty, pasty soil		
rippable, soft ground		
non-cohesive, well compact soil, sand, gravel	<b>200</b>	
rippable soil	solid	<b>100</b>
	semi-solid	<b>200</b>
	hard	<b>400</b>
Rocks, concrete, heavy traffic paved roads	<b>above 1000</b>	

**Table 1**

Make sure the machine (wheels and stabilizers) rests on a firm ground to prevent hazardous unstable conditions. If the ground is not firm enough, position some support planks, capable of withstanding the expected loads, under the stabilizers or the wheels.

When working near trenches, lower the stabilizers at a safe distance from the trench edge.



**a & h = minimum distances**

The distance (a) from the foot of the overhang shall be adequate to height (h) of the same overhang.

If the ground fulfils the required conditions:



$$a : h = 1 : 1$$

(values with a grey background in table 1)

In the case of doubts:

$$a : h = 2 : 1$$

## Controls

- 16 Front working lights switch  
Push the bottom of the rocker switch to turn the front working lights on. Push the top of the switch to turn lights off.
- 17 Windshield washer switch  
Push and hold the switch to turn the washer on. Release the switch to turn the washer off.
- 18 Transmission control lever  
Move the transmission control lever away from you for forward gear. Move the lever toward you for reverse gear. Move the lever to the center position for neutral.
- 19 Amperometer battery gauge  
The gauge amperometer indicates the level of charge of the battery.
- 20 Windshield wiper switch  
Push the switch to turn the wiper on: first position for low speed and second position for high speed. Release the switch to turn the wiper off.
- 21 Windshield defrost  
Push the switch to turn the windshield defrost on. Release the switch to turn the defrost off.
-  Do not activate the defrost if the engine is off to avoid discharge the battery.
- 22 Rear glass defrost  
Push the switch to turn the rear glass defrost on. Release the switch to turn the defrost off.
-  Do not activate the defrost if the engine is off to avoid discharge the battery.
- 23 Boom working lights switch  
Push the bottom of the rocker switch to turn the boom working lights on. Push the top of the switch to turn the lights off.
- 24 Not active
- 25 Cab heater webasto knob  
Turn the knob clockwise to activate the cab heater webasto and to increase the temperature. Light on knob is on. Turn the knob counter-clockwise to reduce the temperature until deactivate the heater. Light on knob is off.
- 26 Diagnostic button  
Push the button to scroll the LCD screen menu.
- 27 Stabilizers switches  
Push the top of the switches to extend and lower the stabilizers. Push the bottom of the switches to raise and retract the stabilizers.
28. Cab heater control valve  
Turn the control valve in vertical position to activate the cabin heater and set the fan speed by the control 14. Turn the valve control in horizontal position to deactivate the cabin heater.
29. Steering column tilt adjustment lock  
Unlock the lever on the right-bottom side and pull or push the steering wheel to the required position, then re-lock it.
30. Transmission gear switch  
Set the transmission control lever to neutral position and push the transmission gear switch to select first or second gear. The transmission light on the panel will display which gear is engaged.
- 31 Cab rear fan  
Set the cab rear fan switch to right position to select the fan low speed.  
Set the cab rear fan switch to left position to select the fan high speed.

# Inspections

## Inspection for Decals with Words

Use the pictures on the next page to verify that all decals are legible and in place.

Below is a numerical list with quantities and descriptions.

Part No.	Decal Description	Qty
28159	Label – Diesel	1
28175	Warning – Compartment Access	1
28236	Warning – Read Operator's Manual	1
09.4618.2006	Label – Shell Tellus S4 Hydraulic Oil	1
82558	Warning – Skin Injection Hazard	1
97667	Warning – Burn Hazard	3
214418	Danger/Warning – 2 Decal Combination	3
215267	Label – Product Registration	1
215268	Warning – Fall Hazard, Work Platform	1
237598	Warning – Crush Hazard, Moving Machine	3
237605	Warning – Burn Hazard, Hot Parts	1
09.4618.2007	Label – Single Controller	1
237970	Warning – Crush Hazard, Tires	2
237971	Danger – Explosion/Burn Hazard, Fueling	1
09.4618.1399	Label - Upper Door Unlock System	1
09.4618.1418	Label - Emergency Exit	1
09.4618.2010	Cosmetic - GTH-1256 AF	1
09.4618.2035	Notice - Driving Downhill	1
09.4618.2033	Notice - Cange of Movement Direction	1
09.4618.1621	Cosmetic Decal - Genie	1
09.4618.1622	Danger/Warning - 7 Decal Combination	1
09.4618.2034	Warning - Hearing Hazard	1
09.4618.1625	Cosmetic - Genie	1
09.4618.2011	Cosmetic - Genie GTH-1256 AF	1

Part No.	Decal Description	Qty
09.4618.2009	Cosmetic - GTH-1256 AF	1
09.4618.1635	Danger – Explosion/Burn Hazard	2
09.4618.1638	Label - Test Ports	1
09.4618.1646	Label - Inching Valve	1
09.4618.1655	Notice - Cut-out Switch	1
09.4618.2019	Label - Load Chart, Standard Carriage 36" On Wheels	1
09.4618.2020	Label - Load Chart, Standard Carriage 36" On Stabilizers	1
09.4618.1842	Warning - Crush Hazard, Stabilizers	4
09.4618.1834	Cosmetic - Genie Low Relief	1
09.4618.2012	Heater Control Valve	1
09.4618.2013	Webasto Waiting Time Shut Off	1
09.4618.2014	Webasto Refueling instruction	1
09.4618.2036	Warning - Fan Switch	1
09.4618.2018	Label - 10,000 lbs	1
09.4618.2021	Label - Danger Keep Arms and Hands Inside	1

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## Operating Instructions

### Engine Condition Indicator

If the Engine Critical Fault indicator light switch on, contact service personnel.

### After Each Use

- 1 Select a safe parking location—firm level surface, clear of obstruction and traffic.
- 2 Retract the stabilizers.
- 3 Retract and lower the boom to the stowed position.
- 4 Move the transmission control lever to neutral.
- 5 Set the parking brake.
- 6 Turn the key switch to the off position and remove the key to secure from unauthorized use.
- 7 Chock the wheels.

### Jump Starting the Machine

Jump starting at the battery or battery replacement is required when the battery is discharged to the point where the battery will not crank the starter.

**Never** jump start the machine directly to the starter or the starter solenoid. Serious injury or death could result from the machine moving forward or backward.

To avoid personal injury when jump starting with another machine, be certain that the machines are not touching.

Never jump start a frozen battery as it will explode.

Keep sparks and flames away from the battery. Lead acid batteries generate explosive gases when charging. Wear safety glasses when working near batteries.

The booster battery must be 12V. The machine used for jump starting must have a negative ground electrical system.

### To jump start the machine

- 1 Connect the positive (+) jumper cable to the positive (+) post of the discharged battery.
- 2 Connect the other end of the same jumper cable to the positive (+) post of the booster battery.
- 3 Connect one end of the second jumper cable to the negative (-) post of the booster battery.
- 4 Make the final cable connection to the engine block or the furthest ground point away from the battery.
- 5 Start the engine.

# Maintenance

## Moving a Disabled Machine

For towing procedure, please refer to the Service Manual **Section 4, Repair Procedures.**

## Diesel Fuel Requirements

Satisfactory engine performance is dependent on the use of a good quality fuel. The use of a good quality fuel will give the following result: long engine life and acceptable exhaust emissions levels.

Fuel		
Type	Diesel	
Tank	45,7 gal	173 L

## Check the Engine Oil Level



Maintaining the proper engine oil level is essential to good engine performance and service life. Operating the machine with an improper oil level can damage engine components.

Note: Check the oil level with the engine off.

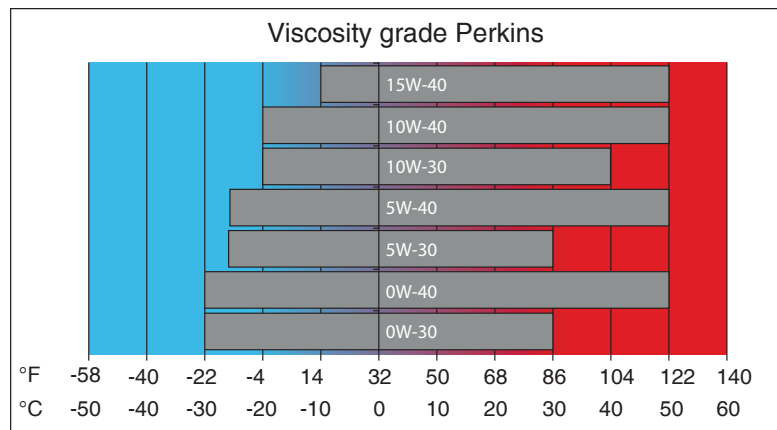
1 Check the oil level dipstick. Add oil as needed.

### Perkins 1104 D-E44TA NR83313R

Oil type SHELL Rimula R4L 15W-40

## Check Viscosity Engine Oil

Check the viscosity Engine Oil in function of Ambient Temperature as indicate in the chart below.



# Attachments

## ▲ Suspended Load Hazards

### Work Area Safety

### General Safety

Do not lift a suspended load without first understanding the local, state, federal, or provincial rules, standards and regulations related to the activity. In the USA requirements are set forth in ANSI/ITSDF B56.6 and OSHA 29 CFR 1926.1400-1442. Additional rules, standard and regulations may apply. Additional training may be required.

If a telehandler must be used to transport a load, the following precautions for the protection of the operator shall be taken.

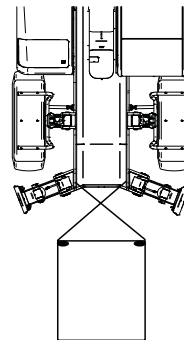
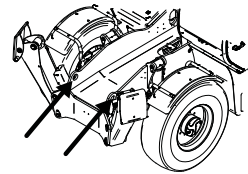
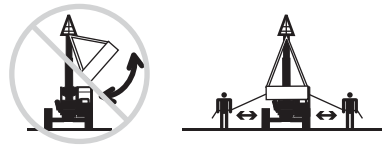
Read, understand and obey all warnings and instructions provided with the attachment that is approved for suspending loads.

Only a properly designed, tested and approved attachment should be used to carry a suspended load.

The telehandler load charts are designed for loads where the load center is stationary. As a suspended load moves, the load center can change. As a result, extreme caution in transporting and lifting, or placing, the load must be observed to minimize the potential for the load to move.

## Overturning Hazards

Do not lift a suspended load without the proper and legible load capacity chart for the attachment/telehandler combination you are using.



Do not permit the load to swing freely. Always properly tether loads to restrict movement. In addition to ground personnel, the two chassis lifting points in the front of the machine can be used to help externally stabilize the load. Always cross the tethers to opposite sides of the load to minimize load movement. Driving across grades, sudden starts, stops, and turns can cause the load to swing and create a hazard if not externally stabilized.

Keep the boom retracted as much as practical.

Do not lift suspended loads when wind speeds can cause an unsafe situation.

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