

### Scheduled maintenance and lubrication

Periodic maintenance should be carried out after the number of hours specified. Use the daily, weekly etc. periods where number of hours cannot be used.



Remove all dirt before filling, when checking oils and fuel and when lubricating using oil or grease.



The manufacturer's instructions found in the engine manual also apply. Specific maintenance and checks on diesel engines must be carried out by the engine supplier's certified personnel.



*Park the compactor on a flat surface.*



*Always check and adjust the machine, shut off the engine and confirm that the Forward-Reverse lever is in the "Neutral" position.*



*When the engine is running indoors, make sure that there is sufficient air inlet to avoid carbon monoxide poisoning.*

### Maintenance, 10 hours

#### Every 10 hours of operation (Daily)

Refer the figure "Revision and Inspection Points" to find the page number of the sections referred to!

| Pos. in figure | Action   | Comment                    |
|----------------|--|----------------------------|
|                | <b>Before starting up for the first time on that day</b> |                            |
| 13             | Check the scraper setting                                |                            |
| 1              | Check for free circulation of cooling air                |                            |
| 3,5,9,11,12,20 | Check fluids levels (coolant, oils, and Diesel)          | Refer to the engine manual |
| 26             | Refuel   |                            |
| 33             | Test the brakes  |                            |

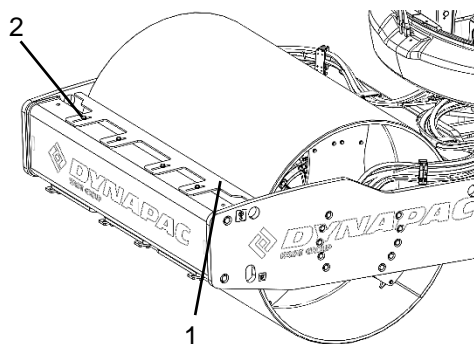
## Maintenance, 10 hours

Every 10 hours of operation (Daily)

### Scrapers - Check, adjustment



It is important to consider movement of the drum when the machine turns, i.e., the scrapers can be damaged or wear of the drum may increase if adjustment is made closer than the values stated.



**Fig. Flat drum scrapers**  
 1. Scraper blade  
 2. Screws

#### Scrapers, Flat drum

If necessary, adjust distance to the drum as follows:

Loosen the screws (2) on the scraper attachment.

Then adjust the scraper blade (1) to 20 mm from the drum.

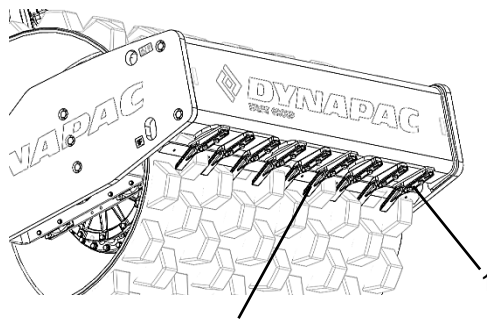
Tighten the screws (2).

#### Scrapers, Pad-drum

Loose the screws (1), then adjust each scraper tooth (2) to 25 mm (1 in) between scraper tooth and drum.

Center each scraper tooth (2) between the pads.

Tighten the screws (1).

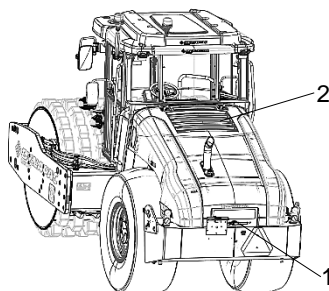


**Fig. Pad-drum scrapers**  
 1. Screws  
 2. Scraper teeth (x18)

### Air circulation - Check

Ensure that the engine has free circulation of cooling air through the protective grille in the hood.

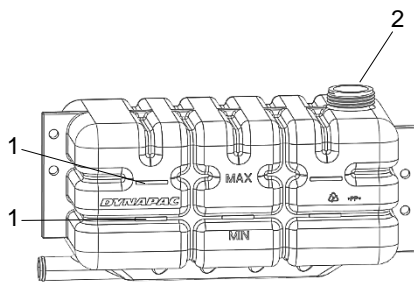
To open the engine hood, turn the lock handle (1) upward. Raise the hood to its fully open position, checking that the red safety catch on the left gas spring is latched.



**Fig. Engine hood**  
 1. Hood lock  
 2. Protective grille



***If the gas-springs for the hood are loosened and the hood is raised to its upper position - block the hood so that it cannot fall.***



**Fig. Coolant reservoir**  
 1. Marks min. and max.  
 2. Filler cap

### Check fluids levels



#### Coolant level - Check

The coolant reservoir is located beside the hydraulic oil reservoir and is easier to observe from the right side of the machine

The filler cap (2) is accessible from above the engine hood.

Check the coolant level with the engine shut off and cold. Check that the coolant level is between the max. and min. marks. (1).



**Take great caution if the radiator cap must be opened while the engine is hot. Wear protective gloves and goggles.**

Fill with a mixture of 50% water and 50% anti-freeze. See the lubrication specifications in these instructions and in the engine manual.

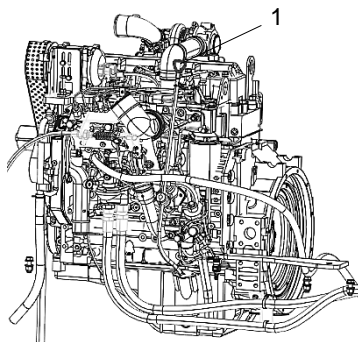


#### Diesel engine - Check oil level



**Take care not to touch any hot parts of the engine or the radiator when removing the dipstick. Risk for burns.**

Pull up the dipstick (1) and check that the oil level is between the upper and lower marks. For further details, refer to the engine's instruction manual



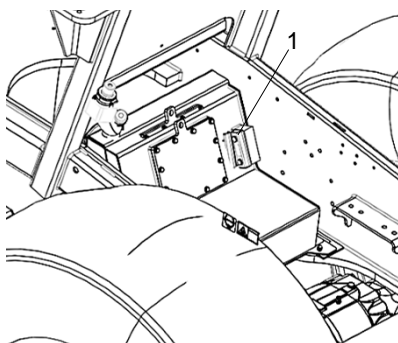
**Fig.1 – Diesel engine oil level**



#### Hydraulic reservoir - Check oil level

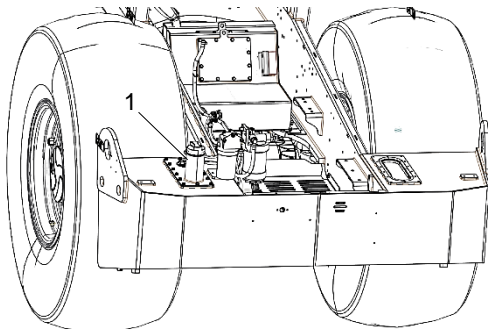
The sight glass is located on the right side of the hood behind the operator's seat.

Place the roller on a level surface and check that the oil level in the sight glass (1) is between the max and min markings. Top up with the type of hydraulic fluid specified in the lubricant specification, if the level is too low.



**Fig. Hydraulic reservoir oil level**  
 1. Sight glass

## Fuel tank - Filling



**Fig. Right rear**  
**1. Filler pipe**

Top up the fuel tank every day to the lower edge of the pipe (1). Follow the engine manufacturer's specifications for Diesel fuel.



**Stop the engine. Short-circuit (press) the filler gun against a non-insulated part of the roller before refueling, and against the filler pipe (1) while refueling.**



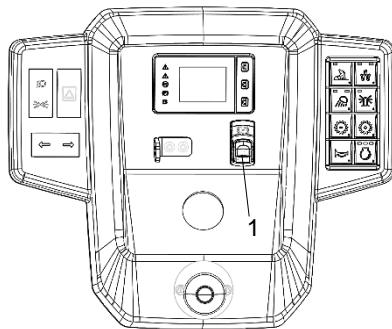
**Never refuel while the engine is running. Do not smoke and avoid spilling fuel.**



Check the tank capacity in the section "Technical Specifications - Weights and Volumes".

## Check the function of the brakes

### Parking brake

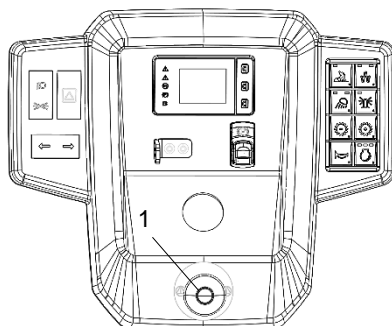


**Fig. Control Panel**  
**1. Parking brake switch**

Move the machine forward slowly. Hold in the steering wheel and prepare for a sudden stop. Press the parking brake button (1). The machine should stop abruptly while the engine is running. After checking the brakes, place the forward/reverse lever in neutral.

Reactivate the parking brake switch (1). The machine is ready to operate.

### Emergency stop



**Fig. Control panel**  
**1. Emergency stop button**

Move the machine forward slowly. Hold in the steering wheel and prepare for a sudden stop. Press the emergency brake button (1). The machine should stop abruptly and the engine will be shut off. After checking the brakes, place the forward/reverse lever in neutral.

Pull out the emergency stop button (1). start the engine. The machine is ready to operate.