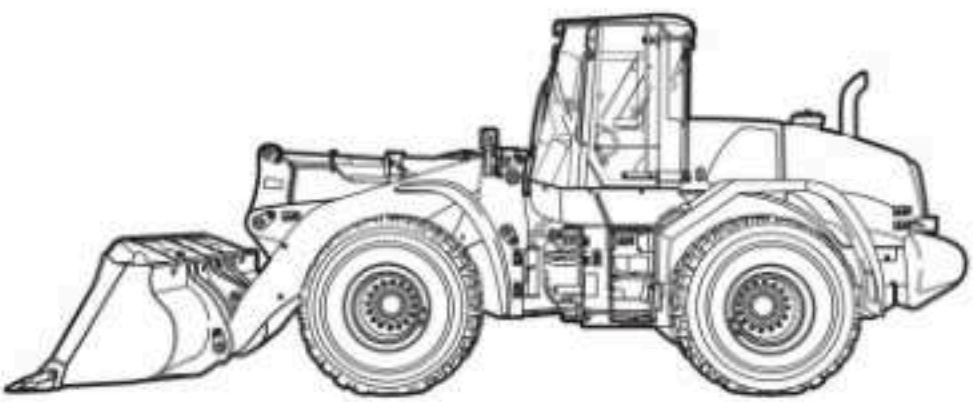
OPERATOR'S MANUAL

W130C
W170C
Tier 4
Wheel Loader



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NEW HOLLAND CONSTRUCTION

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LEFT-HAND SIDE CONTROLS

Transmission controls

Transmission control lever

The transmission control lever is used to shift the transmission gears from first through fourth gear. Turn the transmission control lever away from you to select a higher gear. Turn the lever toward you to select a lower gear. This control lever is also used to put the transmission in FORWARD, NEUTRAL, and REVERSE (F-N-R).

A. Move the control lever away from you for FORWARD.

B. The center position of the control lever is NEUTRAL.

C. Move the control lever toward you for REVERSE.



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Using the steering column transmission lever

All the following steps are required in order to use the steering column transmission lever:

1. Service brake pressure must be at operating pressure.
2. Transmission control lever must be in neutral.
3. Push down on the bottom of the parking brake switch to release the parking brake switch.

NOTE: *If the parking brake was NOT set when the machine was turned OFF, the parking brake switch must be cycled at step 3.*

4. Place the transmission control lever in either FORWARD or REVERSE to move the machine.

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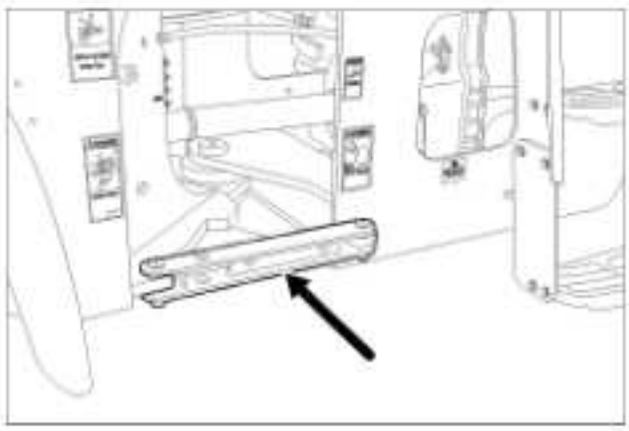
Change engine oil and filter (Initial)

Change the engine oil and filter when the hour meter registers 100 hours for a new machine during the initial run-in period. The engine oil and filter should be changed every 500 hours thereafter or more frequently when the engine operating conditions are severe.

Prior operation:
Keep all non-authorized personnel clear of the area. Park the machine on level ground, in neutral with the parking brake applied and the attachment lowered to the ground.

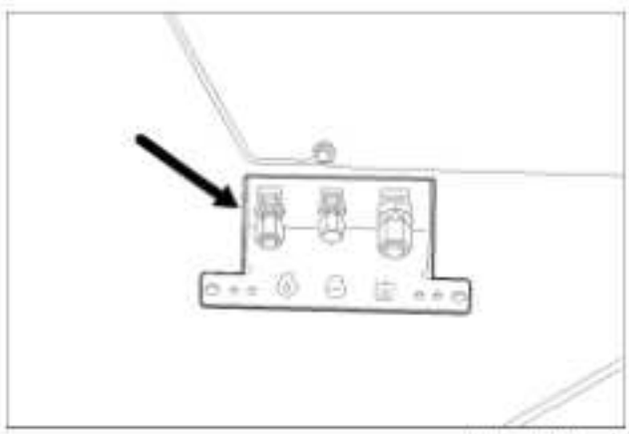
Service specifications	
Type of oil	**NEW HOLLAND AMBRA SUPER GOLD 15W-40**
W130C capacity (with filter change)	**13.25 l (14.0 US qt)**
W170C capacity (with filter change)	**13.25 l (14.0 US qt)**

1. Lower bucket/attachment to the ground, and install the transport/service link into the lock position.



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2. Attach the drain hose to the remote drain plug. Use a suitable container to collect the used oil, and drain the engine completely.



RCPH10WHL304BAL 2

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Weight adjustments

W130C Weight Adjustment Specifications

Z-Bar Applications

Tire Option	Operating Weight	Tipping Load Adjustment (straight)	Tipping Load Adjustment (40° turn)
20.5 x 25 12 ply L2	**-45 kg (-100 lb)**	**-33 kg (-73 lb)**	**-29 kg (-65 lb)**
20.5 x 25 12 ply L3	**104 kg (228 lb)**	**75 kg (168 lb)**	**66 kg (148 lb)**
Standard counterweight	**-387 kg (-854 lb)**	**-927 kg (-2044 lb)**	**-352 kg (-777 lb)**

NOTE: *Unit equipped with **2.5 m³ (3.25 yd³)** bucket, MD pin on bucket w/bolt-on edge, 20.5R25 XTLA TL tires, ROPS cab with heater and air conditioner, lights, heavy duty batteries, front and rear fenders, full fuel and urea tank, heavy counterweight **885 kg (1950 lb)**, and **79 kg (175 lb)** operator.*

LR Applications

Tire Option	Operating Weight	Tipping Load Adjustment (straight)	Tipping Load Adjustment (40° turn)
20.5 x 25 12 ply L2	**-45 kg (-100 lb)**	**-29 kg (-64 lb)**	**-26 kg (-57 lb)**
20.5 x 25 12 ply L3	**103 kg (228 lb)**	**66 kg (145 lb)**	**58 kg (127 lb)**

NOTE: *Unit equipped with **1.9 m³ (2.50 yd³)** bucket, HD pin on bucket w/bolt-on edge, 20.5R25 XTLA TL tires, ROPS cab with heater and air conditioner, lights, standard batteries, front and rear fenders, full fuel and urea tank, heavy counterweight **885 kg (1950 lb)**, and **79 kg (175 lb)** operator.*

TC Applications

Tire Option	Operating Weight	Tipping Load Adjustment (straight)	Tipping Load Adjustment (40° turn)
20.5 x 25 12 ply L2	**-45 kg (-100 lb)**	**-30 kg (-67 lb)**	**-27 kg (-60 lb)**
20.5 x 25 12 ply L3	**103 kg (228 lb)**	**69 kg (153 lb)**	**61 kg (135 lb)**

NOTE: *Unit equipped with **1.9 m³ (2.50 yd³)** bucket, TBD, 20.5R25 XTLA TL tires, ROPS cab with heater and air conditioner, lights, full counterweight, standard batteries, front and rear fenders, full fuel and urea tank, heavy counterweight **885 kg (1950 lb)**, and **79 kg (175 lb)** operator.*

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