



## 7.7 Hydraulic Oil Requirements

### Overview

Wacker Neuson recommends the use of a premium grade, synthetic-based, anti-wear hydraulic oil. It is designed to outperform conventional oils by flowing better at low temperatures while resisting viscosity loss at high temperatures.

When selecting hydraulic oil, be sure to specify anti-wear properties. Wacker Neuson offers a premium hydraulic oil for use in this machine.



#### Information

Avoid mixing different brands of hydraulic oil.

### Oil viscosity

Most hydraulic oils are available in different viscosity grades (the fluid's weight). Different viscosity grades are recommended for use at different ambient temperatures for optimum machine performance. The oil's number does not indicate the type of oil (engine, hydraulic, gear, etc.). The oil's number is strictly used to identify the viscosity grade.

When selecting a hydraulic oil, be sure it matches the specified ISO viscosity rating and is intended to be used as a hydraulic oil.

## 7.8 Hydraulic Oil Specification

Hydraulic Oil Types		
Viscosity Grade	Ambient Temperature	
	min.	max.
HVLP 46		
ISO VG32	-20°C (-4°F)	30° C (86°F)
ISO VG46*	-5°C (23°F)	40° C (104°F)
ISO VG68	5°C (41°F)	50° C (122°F)

\*For synthetic hydraulic oil information, see *Operating Hydraulics*.

## 7.9 Checking the Hydraulic Oil Level

### When

Every 10 hours of service or daily.

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### Requirements

- Shut down machine
  - Lift arm down
  - New, clean hydraulic oil as needed
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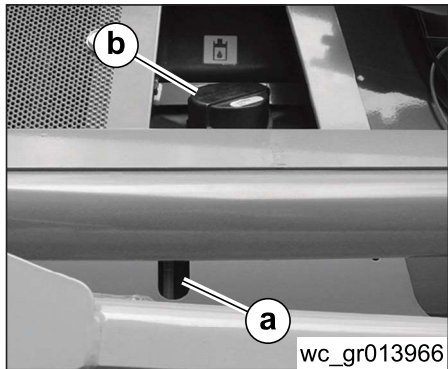


### Information

Collect, store and dispose of drained oil in accordance with current environmental protection regulations.

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### Procedure



1. Park the machine on a flat, level surface.
2. Observe the hydraulic oil level through the sightglass **(a)**.
3. If the oil level is low, open the reservoir cap **(b)** and fill the hydraulic oil to a level at the middle of the sightglass.