

Consumables

| Application | Fluid/lubricant | Specification | Season/tem- perature | Capacities ¹ |
|-------------------------|--|---|--------------------------------|--------------------------|
| | Diesel fuel ^{2, 3} | ASTM D975 - 94: 1D 2D (USA) | | 36 liters (9.5 gal) |
| | | EN 590 (EU) | | |
| | | ISO 8217 DMX (International) | | |
| | | BS 2869-A1, A2 (GB) | Year-round ⁴ | |
| | | JIS K2204 (Japan) | | |
| | | KSM-2610 (Korea) | | |
| Engine | | GB252 (China) | | |
| | Biodiesel | EN 14214 | | |
| | | ASTM D-6751 | | |
| | Coolant | Distilled water and anti- freeze D40 Super/ ASTM 6210 (violet) | Year-round | 4.5 liters (1.2 gal) |
| | Engine oil ⁵ | SAE 10W-40 | -15°C (-5°F) +45°C (+104°F) | About 3.4 I (0.9 gal) |
| Hydraulic oil reservoir | Hydraulic oil | Eurolub HVLP 46 ⁶ | | 30 liters (7.9 gal) |
| | Biodegradable oil ⁸ | Panolin HLP Synth 46 | Year-round ⁷ | |
| | | BP BIOHYD SE-S 46 | | |
| Washer system | Cleaning agent | Glass cleaner and anti- freeze | Year-round | 1.2 liters (0.3 gal) |
| Grease nipples | Roller and friction bear- ings | | | As required |
| | Open transmissions live ring: ball bearing | KPF 2 K-20 ⁹ ISO-L-X-BCEB 2 ¹⁰ | Year-round | |
| | Live ring gears | | | |
| | Grease nipples | | | |
| Battery terminals | Acid-proof grease ¹¹ | FINA Marson L2 | Year-round | As required |
| Control lever base | Adhesive fluid grease | Förch S401 | Year-round | As required |

The capacities indicated are approximate values; the oil level check alone is relevant for the correct oil level.
 Capacities indicated are no system fills
 In countries where level IIIA (or higher) or Tier IV interim (or higher) exhaust emission regulations apply, use diesel fuels with a maximum sulfur content of 0.0015 %

7-15 BA EZ26 en/us* 1.0 * EZ26_01_700.fm

^{(= 15} mg/kg).
Sulfur content below 0.05 %, cetane number over 45
Summer or winter diesel depending on outside temperatures
According to DIN 51511 (API CF, CF-4, CI-4; ACEA E3, E4, E5; JASO DH-1)
According to DIN 51524 section 3, ISO-VG 46.

Depending on local conditions — see "Engine oil types" on page 7-17.

Biodegradable hydraulic oil based on saturated synthetic esters with an iodine value of < 10, according to DIN 51524, section 3, HVLP, HEES.

KPF 2 K-20 according to DIN 51502 lithium-saponified grease.
 ISO-L-X-BCEB 2 according to DIN ISO 6743-9, lithium-saponified grease.
 Standard acid-proof grease NGLI category 2.





Hydraulic oil types

| Viscosity class | Ambient temperature | | | | |
|-----------------|---------------------|---------|---------|---------|--|
| | min. °C | min. °F | max. °C | max. °F | |
| ISO VG32 | -20 | -4 | 30 | 86 | |
| ISO VG46 | -5 | 23 | 40 | 104 | |
| ISO VG68 | 5 | 41 | 50 | 122 | |

Replacement intervals

Replace the hydraulic oil and hydraulic oil filter depending on the percentage of hammer operation.

| Percentage of hammer work | Hydraulic oil | Hydraulic oil filter | | |
|---------------------------|---------------|----------------------|--|--|
| 20 % | 800 o/h | 300 o/h | | |
| 40% | 400 o/h | | | |
| 60% | 300 o/h | 100 o/h | | |
| Over 80% | 200 o/h | | | |

Important information regarding operation with biodegradable hydraulic oil

- Use only the biodegradable oils that have been tested and released by Wacker Neuson.
- Add only biodegradable oil of the same type. In order to avoid misunderstandings, attach a clear label to the hydraulic oil filler neck providing clear information regarding the type of oil currently used. The joint use of two different biodegradable oils can affect the quality of one of the oil types. Therefore ensure that the remaining amount of biodegradable oil complies with the national and regional regulations as you replace it. Observe the manufacturer's indications.
- Do not add mineral oil the content of mineral oil should not exceed 2% of the system fill in order to avoid foaming problems and to ensure biological degradability.
- When running the vehicle with biodegradable oil, the same oil and filter replacement intervals are valid as for mineral oil.
- Always have the condensation water in the hydraulic oil reservoir drained by a Wacker Neuson service center before the cold season. The water content may not exceed 0.1% by weight.
- The instructions in this Operator's Manual concerning environmental protection are also valid for the use of biodegradable oil.
- Subsequent change from mineral oil to biodegradable oil may only be performed by a Wacker Neuson service center.



Engine oil

Engine oil types

| Viscosite and (CAT) | Ambient temperature | | | |
|-----------------------|---------------------|---------|---------|---------|
| Viscosity grade (SAE) | min. °C | min. °F | max. °C | max. °F |
| 10W | -20 | -4 | 10 | 50 |
| 20W | -10 | 14 | 10 | 50 |
| 10W-40 | -20 | -4 | 40 | 104 |
| 15W-40 | -15 | 5 | 40 | 104 |
| 20 | 0 | 32 | 20 | 68 |
| 30 | 10 | 50 | 30 | 86 |
| 40 | 20 | 68 | 40 | 104 |