Maintenance schedule Optimas Vacu-Mobil-Allrounder

Status: 02.11.2026

WARNING:	Before performing any maintenance, turn off the engine!!! If maintenance must be performed with the engine running in an enclosed space, ensure there is adequate ventilation. Exhaust gases contain toxic carbon monoxide - inhaling these gases can cause loss of consciousness and lead to death!!!
CAUTION:	Use only genuine spare parts or equivalent parts. Using spare parts that do not meet the quality requirements may damage the device.



Recommended maintenance interval Perform this maintenance at the specified monthly or operating-hour intervals, whichever comes first.		**Before each use or every 8–15 hours**	**After the first 20 hours**	**Every 50 hours or monthly**	**Every 100 hours**	**Every 200 hours**	**Every 600 hours**	**Every 1,000 hours**	**Every 6 months**	**Every 12 months**	**Every 3 years**
Seals on the vacuum plate	Check	●									
Visual inspection of the machine for damage, cracks and corrosion	Check	●									
Hydraulic oil (30 litres of HLP 46 in accordance with DIN 51524-2, ISO VG 46; e.g. ESSO Nuto H46 or Ravenol TS 46 HLP)	Check fluid level	●									
	Replace				● (2)			●			
Hydraulic oil filter (Art.-no.: 500085)	Replace				● (2)	●					
Screw connections	Check		●	●							
Seals and o-rings	Check			●							
Vanguard 25V000											
Engine oil 15W40 (oil grade: ACEA B3/E4 or API CF/CH-4 or higher; fill quantity for initial filling or oil change: 0.83–0.95 l)	Check fluid level	●									
	Replace	first change after 5 hours				●				●	
The area around the silencer and the controls	Clean	●									
Air inlet grille	Clean	●									
Air filter (for Vanguard 400: art.-no. 500195)	Check	●									
	Clean					● (1)				● (1)	
	Replace						●				●
Exhaust system	Service				●					●	
Spark plug	Check - adjust				●						
	Replace									●	
Reduction gearbox oil	Replace				●					●	
Fuel system	Service									●	
Cooling system	Service									● (1)	
Valve clearance (intake: 0.10–0.15 mm, exhaust: 0.15–0.20 mm)	Check - adjust	in case of engine problems									
Vacuum unit											
Air filter (Art.-no.: 51992)	Check - clean	●									
	Replace	Replace if dirty, damp, or as needed (1)									
V-belt	Tension		●								
	Check								●		

(1) Replace more frequently when used in dusty environments.
(2) The first replacement.