



**Maintenance** for vacuum suction systems according to DGUV Rule 100-500

Owner: Heavydrive		Internal number:	
		Suspension type: VSG 4500 KMH	
<b>Manufacturer: Heavydrive</b>		No. of suction cups: 16	
Serial number: 675	Year of construction: 2015	Load capacity max. (kg) 4500	
<b>Visual inspection</b>			
<b>Component:</b>	<b>OK</b>	<b>Work carried out/parts used</b>	
Type plate: affixed, legible	x		
General condition of system: Deformations, rust, loose parts, damage	x		
Lifting eyes: Marking, damage, deformation – replace if necessary	x		
Suction cups: Cleaning, damage, deformation, signs of ageing – replace if necessary	x		
Hoses, quick couplings: Damage, tight fit, smoothness – replace if necessary	x		
<b>Function check</b>			
<b>Electrical system:</b>			
On/Off switch Function – replace if necessary	x		
Battery + charging function: Test – charge or replace if necessary	x		
Remote control: Damage, function – replace if necessary	x		
Warning/control lights: Function – replace components if necessary	x		
<b>Hydraulic system:</b>			
Pump – cylinder – lines: Leak tightness, damage, function – replace components if necessary	x		
<b>Vacuum operation:</b>			
Leak-tightness test: Reach cut-off pressure -0.72bar (up to 2000 meters altitude), pressure drop (check warning device -0.65bar) - readjust or replace components if necessary. Pull-off test: + 100% Nominal payload vertical	x		

**Next maintenance : 02/2027**

Dallas, 02.11.2026  
Place/Date

Signature

