

Fail

Test report №24 from 18.02.2021 08:16:10

Receipt id 123456	Plate number/Ref. no. ST-EN9696	Initial reg.	Mileage
Name/Company AUTOPSTENHOJ GmbH	Vehicle chassis number VWZ1P12345678	2021	1000
Street Sandkampstraße 90	Vehicle type Car	Vehicle manufacturer, model Volkswagen Passat	Vehicle color
Zip code 48432	Next inspection	Cubic capacity	
City Rheine			

Brake tester

Limits

Brake force difference

Service brake $\leq 25\%$

Parking brake $\leq 50\%$

Deceleration

Service brake $\geq 58\%$

Parking brake $\geq 15\%$

		service brake 1			parking brake 1		
		Left	Difference	Right	Left	Difference	Right
Rolling resistance	[kN]						
Brake force	[kN]	4.5	2	4.4			
PM	[bar]						
PX	[bar]						
Response PX	[bar]						
Ovality	[%]						
Axle weight	[kg]		893				
Axle deceleration	[%]		100				
Calculated pressure	[bar]						
Result			+				
		servicebrake 2			parking brake 2		
		Left	Difference	Right	Left	Difference	Right
Rolling resistance	[kN]						
Brake force	[kN]	3.7	19	3.0	2.8	29	2.0
PM	[bar]						
PX	[bar]						
Response PX	[bar]						
Ovality	[%]						
Axle weight	[kg]		765			765	
Axle deceleration	[%]		88			63	
Calculated pressure	[bar]						
Result			+			+	
Service brake: total brake force					[kN]	15.6	
Parking brake: total brake force					[kN]	4.8	
Total measured weight					[kg]	1658	
Total deceleration service brake based on measured weight					[%]	95.91	
Total deceleration parking brake based on measured weight					[%]	29.51	
Max. weight					[kg]	2250	
Total deceleration service brake based on max. weight					[%]	70.68	
Total deceleration parking brake based on max. weight					[%]	21.75	