



2512-006382-000

DETAILED BRAKE TEST RESULT - FULL TEST

Test Type	: Full test	Time	: 18:37
Test Number & Id	: 751 AUTO	Date	: 18-03-2026
Vehicle Make	: VOLVO	Station	: Volvo - Heathrow
Vehicle Type	: 3 AXLE TRACTOR UNIT	GVW	: 31500 kg
VRM/ID	: AV25UYJ	GTW	: 70000 kg
DTP Number	: 9882N TYPE APPROVED	TAW	: 31500 kg

Axle 1 - 5544 kg

		WEIGHT	BIND	OVALITY	IMBALANCE	MAX FORCE	
			Pass	Pass	Pass		
Service	N/S	2690 kg	48 kgf / 1 %	5 %		1992 kgf	(L)
	O/S	2854 kg	60 kgf / 2 %	10 %	8 %	2143 kgf	(L)
Secondary	N/S	2690 kg		--		2028 kgf	(L)
	O/S	2854 kg		--	4 %	1949 kgf	(L)
Park	N/S	2690 kg		--		2432 kgf	(L)
	O/S	2854 kg		--	2 %	2387 kgf	(L)

Axle 2 - 4877 kg

		WEIGHT	BIND	OVALITY	IMBALANCE	MAX FORCE	
			Pass		Pass		
Service	N/S	2507 kg	50 kgf / 2 %	--		1765 kgf	(L)
	O/S	2370 kg	45 kgf / 1 %	--	7 %	1644 kgf	(L)
Secondary	N/S	2507 kg		--		1695 kgf	(L)
	O/S	2370 kg		--	7 %	1588 kgf	(L)
Park	N/S	2507 kg		--		1764 kgf	(L)
	O/S	2370 kg		--	4 %	1698 kgf	(L)

Axle 3 - 1793 kg

		WEIGHT	BIND	OVALITY	IMBALANCE	MAX FORCE	
			Pass		Pass		
Service	N/S	841 kg	23 kgf / 2 %	--		657 kgf	(L)
	O/S	952 kg	28 kgf / 2 %	--	17 %	791 kgf	(L)
Secondary	N/S	841 kg		--		750 kgf	(L)
	O/S	952 kg		--	12 %	844 kgf	(L)
Park	N/S	841 kg		--		721 kgf	(L)
	O/S	952 kg		--	13 %	824 kgf	(L)

TEST SUMMARY

BRAKE SYSTEM	PASS VALUE	TEST VALUE	RESULT
Service	: 50% GVW	32% (FWA)	Pass (Locks)
Secondary	: 25% GVW	40% (FWA)	Pass
Park	: 12% GTW	14%	Pass

DEFICIENCIES

ADVISORIES

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VRM/ID	: AV25UYJ	GTW	: 70000 kg
DTP Number	: 9882N TYPE APPROVED	TAW	: 31500 kg

**** Overall Result: Passed ****

NOTES

Measured Vehicle Weight 12214 kg
Insufficient load on axle 2 / 3

Tested By **inspector**

Signed

Peter Grudzien

Lane 1 ATF

*** VL Test Systems Ltd. Buckingham Tel. 01280-822488 ***