



BRAKE TESTING

OUR MACHINE REF. NO.	R9296
CUSTOMER REF. NO.	33
MACHINE SERIAL NO.	CGG0232245
MACHINE TYPE	Case 988
TEST DATE	20/04/2022
TEST DRIVER	Ben Monk
TEST ASSISTANTS	Tom White

TESTS TO BE CONDUCTED ON RAIL WHEELS ON LEVEL TRACK
 CALIBRATE SPEED SENSOR BEFORE TESTING
 POSITION BOOM TOWARDS THE DIRECTION OF TRAVEL
 FORWARDS = PIVOTING AXLE FIRST
 REVERSE = FIXED AXLE FIRST
 NEVER SLEW WHEN IN MOTION, ALWAYS COMPLETELY COME TO A STOP

Vehicle speed		Maximum stopping distance
mph	(km/h)	m
4	6	5
5	8	6
10	16	18
15	24	36
20	32	60
25	40	89
30	48	125
35	56	170

Static Park Brake Pull Test		
Machine Mass	6%	Pull Load
24525 Kg	1471.5 Kg	4700 Kg
Minimum acceptable pull load is 6% Gross Vehicle weight		

SET MACHINE TO :-
 AUTO REVS (ON)
 REV DIAL TO MAXIMUM
 G/O OPERATION
 AXLES MUST BE UNLOCKED WHEN TRAVELING

	FORWARDS	REVERSE
MACHINE MAXIMUM SPEED ON RAIL	9.5 mph	10.0 mph

VEHICLE ONLY

	FORWARDS		REVERSE	
	mph	m	mph	m
MAXIMUM MACHINE SPEED	9.5 mph	7.1 m	10.0 mph	8.7 m
	9.5 mph	7.4 m	10.0 mph	9.0 m
	9.5 mph	7.7 m	10.0 mph	9.3 m
4 MPH (6 KM/H)	3.0 mph	0.8 m	3.5 mph	1.1 m
	3.0 mph	0.7 m	3.5 mph	1.2 m
	3.0 mph	0.9 m	3.5 mph	1.1 m
MIDWAY BETWEEN 4 MPH (6 KM/H) & MAX	6.0 mph	3.4 m	6.0 mph	3.7 m
	6.0 mph	3.0 m	6.0 mph	3.4 m
	6.0 mph	3.3 m	6.0 mph	3.2 m

ANY EXTRA RESULTS (NOT REQUIRED)

	FORWARDS		REVERSE	
	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m



BRAKE TESTING

KT FORMS
RRV-FRM-035

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VEHICLE TARE WEIGHT	24525kg
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TRAILER NO1		TRAILER NO2	
TRAILER WEIGHT		TRAILER WEIGHT	
BLOCK 1 WEIGHT		BLOCK 1 WEIGHT	
BLOCK 2 WEIGHT		BLOCK 2 WEIGHT	
BLOCK 3 WEIGHT		BLOCK 3 WEIGHT	
BLOCK 4 WEIGHT		BLOCK 4 WEIGHT	
BLOCK 5 WEIGHT		BLOCK 5 WEIGHT	
BLOCK 6 WEIGHT		BLOCK 6 WEIGHT	
BLOCK 7 WEIGHT		BLOCK 7 WEIGHT	
BLOCK 8 WEIGHT		BLOCK 8 WEIGHT	
TOTAL		TOTAL	

EACH TRAILER MUST WEIGH NO LESS THAT THE TARE WEIGHT OF THE VEHICLE

VEHICLE AND ONE TRAILER BEING PULLED (PARK BRAKE CONNECTED ONLY)

	FORWARDS		REVERSE	
	mph	m	mph	m
MAXIMUM MACHINE SPEED	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m
4 MPH (6 KM/H)	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m
MIDWAY BETWEEN 4 MPH (6 KM/H) & MAX	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m
ANY EXTRA RESULTS	mph	m	mph	m
ANY EXTRA RESULTS	mph	m	mph	m
ANY EXTRA RESULTS	mph	m	mph	m
ANY EXTRA RESULTS	mph	m	mph	m

VEHICLE AND TWO TRAILER BEING PULLED (PARK AND SERVICE BRAKE CONNECTED)

	FORWARDS		REVERSE	
	mph	m	mph	m
MAXIMUM MACHINE SPEED	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m
4 MPH (6 KM/H)	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m
MIDWAY BETWEEN 4 MPH (6 KM/H) & MAX	mph	m	mph	m
	mph	m	mph	m
	mph	m	mph	m
ANY EXTRA RESULTS	mph	m	mph	m
ANY EXTRA RESULTS	mph	m	mph	m
ANY EXTRA RESULTS	mph	m	mph	m
ANY EXTRA RESULTS	mph	m	mph	m