



# BRAKE TESTING

KT FORMS  
RRV-FRM-035

OUR MACHINE REF. NO.	R9298
CUSTOMER REF. NO.	47
MACHINE SERIAL NO.	CGG0232312
MACHINE TYPE	Case 988
TEST DATE	06/12/2022
TEST DRIVER	B Monk
TEST ASSISTANTS	

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
24660 Kg	1479.6 Kg	7125 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	9.3 mph

## VEHICLE ONLY

	FORWARDS		REVERSE	
MAXIMUM MACHINE SPEED	9.5 mph	7.2 m	9.3 mph	7.6 m
	9.5 mph	7.1 m	9.3 mph	7.0 m
	9.5 mph	7.3 m	9.3 mph	7.3 m
4 MPH (6 KM/H)	4.5 mph	1.3 m	4.5 mph	2.0 m
	4.5 mph	1.5 m	4.5 mph	1.7 m
	4.5 mph	1.6 m	4.5 mph	2.0 m
MIDWAY BETWEEN 4 MPH (6 KM/H) & MAX	6.5 mph	3.3 m	6.5 mph	3.5 m
	6.5 mph	3.2 m	6.5 mph	3.7 m
	6.5 mph	3.1 m	6.5 mph	4.0 m

## ANY EXTRA RESULTS (NOT REQUIRED)

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



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VEHICLE TARE WEIGHT	24,660.00 te
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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