

All Mines Services

Test #: 2018100303

MACHINE TYPE: Personnel Carrier - "Jeep" Style	DATE: 10/3/2018				
Make Toyota Model Landcruiser HZJ79	Location: CCNM 20% Test Ramp				
Test Type - Purchase Clease Rent Contractor Other Unit # STOCK Hours NEW	Conditions: 10*C - Overcast & Dry Ramp Good				
Destination					
Supplier Miller Technology	RIM & TIRE DATA:				
Net Weight 5,800 lbs Gross Weight 9680 lbs	Tire Size: 7.50 x 16				
Mfg. Serial Number T1660	No. of Stud Holes: 5				
ENGINE DATA:	Offset of Centre Plate:				
Make Toyota Model 1HZ H.P. 128	Dia. of Hub Opening:				
Serial No. Stall R.P.M.	Pilot Type - Hub / Stud				
Low Idle R.P.M. High Idle R.P.M.	TRANSMISSION DATA:				
Oil Pressure Temperature	Make Toyota				
TORQUE CONVERTER DATA:	Model				
Make n/a Model	Type: Manual - 5 Speed				
Trans. Clutch Pressure	Trans. Temperature				
AXLE DATA:	Hydrostatic H.P.				
Front Axle: Make Toyota Model Type Open	Hydrostatic L.P.				
Rear Axle: Make Toyota Model Type LSD					
BRAKE DESCRIPTION:					
Service Brake 4 wheel, hydraulic apply, split system, OEM front dry disc, rear	OEM drums, OEM master cylinder				
Emergency Brake OEM handbrake to rear brake drums interlocked with Mico Applied Hydraulic Release with 12V powerpack pump.	SAHR Caliper on rear Driveline. Spring				
Park Brake Mico SAHR Caliper on rear Driveline. Spring Applied Hydraulic Re	lease with 12V powerpack pump.				
Comments: Unit loaded with 3880 lbs Steel ballast in rear box - Unit Tested in 4wd LOW Range Unit Approved for 2nd Gear on Ramp Acceptable	+ 1 Operator				

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DYNAMIC BRAKE TEST - Test Condition: Empty \bigcirc Loaded \bigcirc

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STOPPING DISTANCES IN METRES ON 20% RAMP

SER\	/ICE	BRA	KES														
TES	sт	Gear 1	Speed (km/h)	Gear 2	Speed (km/h)	Gear 3	Speed (km/h)	Gear 4	Speed (km/h)	Gear 5	Speed (km/h)	Gear 6	Speed (km/h)	Gear 7	Speed (km/h)	Gear 8	Speed (km/h)
1		4.3	16.5	9.2	31.0		52.0				10						
2	2	4.2	16.5	9.2	31.0		52.0										
3	3	4.1	16.5	10.3	31.0		52.0			-							
4	ı İ	3.8	16.5	9.8	31.0		52.0										
5	5	3.5	16.5	9.9	31.0		52.0										
Test on	Flat	3.7	16.5	7.5	28.0												

<u>EMERGE</u>	:NCY	BRAKE	<u>:S</u>													
TEST	Gear 1	Speed (km/h)	Gear 2	Speed (km/h)	Gear 3	Speed (km/h)	Gear 4	Speed (km/h)	Gear 5	Speed (km/h)	Gear 6	Speed (km/h)	Gear 7	Speed (km/h)	Gear 8	Speed (km/h)
1	3.8	16.5	8.9	31.0	18.9	52.0										
2	3.7	16.5	8.3	31.0		52.0										
3	3.6	16.5	8.3	31.0		52.0										
Test on Flat	4.0	16.5	6.5	28.0						E (6						

PARK BRAKE HOLDS ON RAMP: Yes

No

SPEED TESTS

Gear 1	Speed (km/h)	Gear Speed 2 (km/h)	Gear Speed (km/h)	Gear Speed 4 (km/h)	Gear Speed 5 (km/h)	Gear Speed 6 (km/h)	Gear Speed 7 (km/h)	Gear Speed (km/h)
Down	16.5	31.0	52.0					
Down retarded *	5.0	25.0			1//			7
Up	14.5	26.0						
Flat	16.5	28.0						

S	TATIONAR	Y BRAKE TEST		Test #: 2018100303
(-		SERVICE	EMERGENCY / PARKING	PARKING
	1st Gear	STALL R.P.M.	- R.P.M.	
	2nd Gear	STALL R.P.M.	STALL R.P.M.	R.P.M.
	3rd Gear	STALL R.P.M.	STALL R.P.M.	R.P.M.
	4th Gear	STALL R.P.M.	STALL R.P.M.	R.P.M.
	5th Gear	STALL R.P.M.	STALL R.P.M.	R.P.M.
	6th Gear	R.P.M.	R.P.M.	R.P.M.
	7th Gear	R.P.M.	R.P.M.	R.P.M.
	8th Gear	R.P.M.	R.P.M.	R.P.M.
SERV Select Release Unit I	ERATING B VICE & EMEP of Low Range ase Clutch to I Does Not Mov K BRAKE (Re	Near Stall	EDURE Interlocked with Park) I control knob set Engine to Full Throttle	
Test	Operator:	Kyle Amyotte		RAMP TEST APPROVED
	Representati		Dat	

ADDITIONAL COMMENTS / OBSERVATIONS:

Brake Application Force:

Service - 150lb.f = 1800psi system pressure - Foot pedal application (Additional Tests: 50lb.f = 1400psi, 100lb.f = 1700psi, Max. = 1950psi)

Emergency - 65 lb.f Pull - Hand Lever Operation

Dynamic Wheel Chock Test (Roll onto chocks - 4" Gap on 20% Grade - 1 per axle) 8" Aluminum Wheel Chock - OK (B&D Model# WC-8 Tested) Black Rubber Wheel Chock - OK (Miller Part# 843561)

Test PO# - 115579

TITLE

DECAL, BRAKE TEST

"STATIC"

MATERIAL

RED PLASTIC

G.C. MAR/11 G.C.

DATE CHK ECN

REFER TO REV.O

REVISION

No.

DWG. No.

840469-A

REV.