



NHTSA 35mph NCAP Test Summary

2008 Chevrolet Malibu LS 4-Door Sedan NHTSA No. M80102

December 6, 2007

	HIC Values				3 Msec Chest Clip		
	Value	t ¹	t ²	Avg. G's	G's	t ¹	t ²
CRABI (P4) HIC36	467.5	48.0	84.0	44.2	50.0	60.5	63.5
CRABI (P4) HIC15	280.1	62.5	77.5	51.1			
CRABI (P3) HIC36	338.0	41.5	77.5	38.8	46.9	49.0	52.0
CRABI (P3) HIC15	259.1	42.1	57.1	49.5			

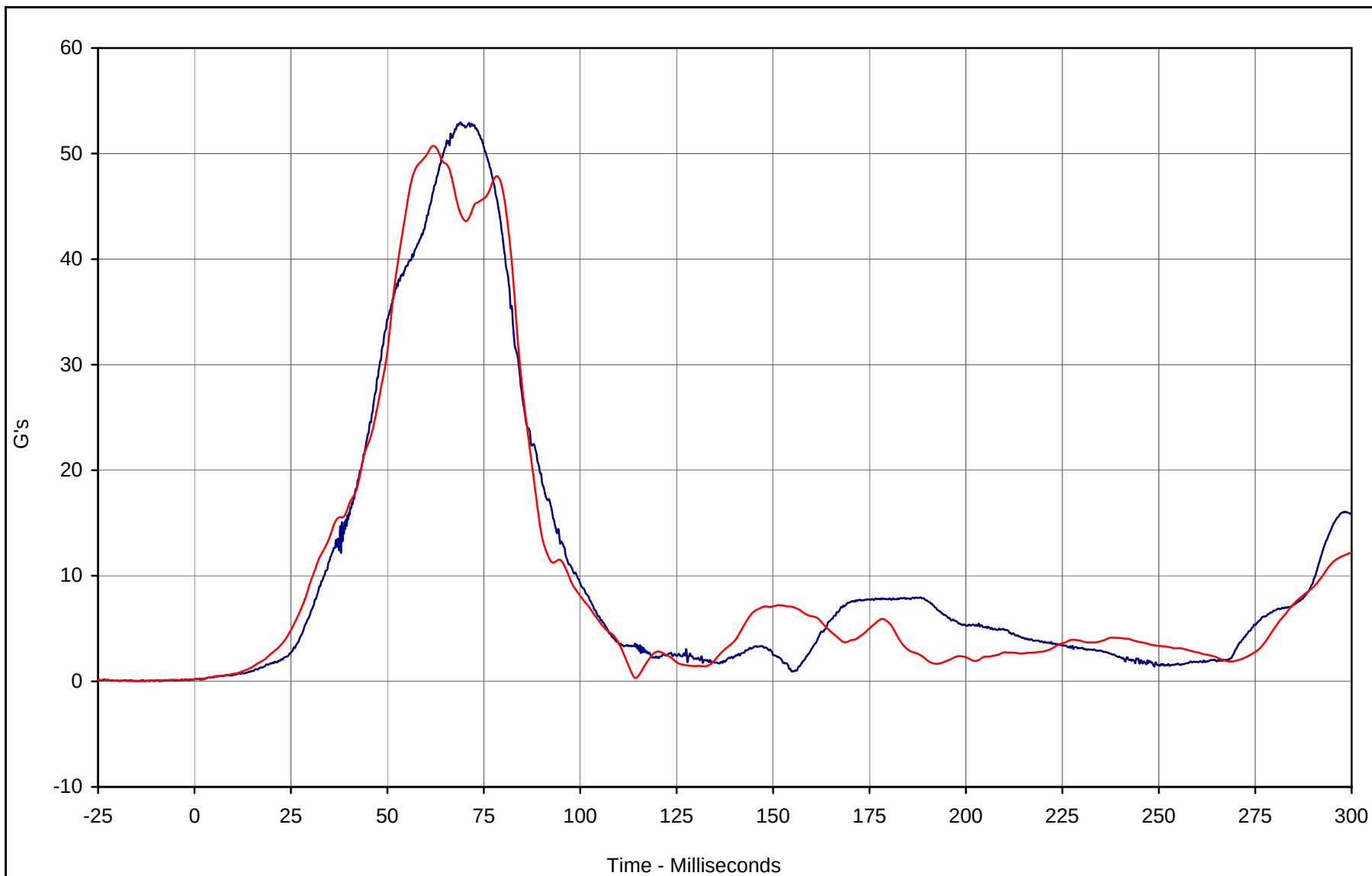
	Nij Values			
	Ntf	Nte	Ncf	Nce
CRABI (P4)	0.08	0.93	0.27	0.05
CRABI (P3)	0.08	0.46	0.20	1.17

	Test Particulars			
	Metric Units		English Units	
	Units	Value	Units	Value
Vehicle Velocity	km/h	56.12	mph	34.88
Vehicle Curb Weight	kg	1556	lbs	3430
Vehicle Test Weight	kg	1778	lbs	3920

Comments:

QUICK-1

TR-P28001-14-NC



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
CRABI Head Resultant (P4)	142	RES	G's	53.0	68.9	0.2	1.5	1000
CRABI Chest Resultant (P4)	152	RES	G's	50.7	61.9	0.2	0.0	180

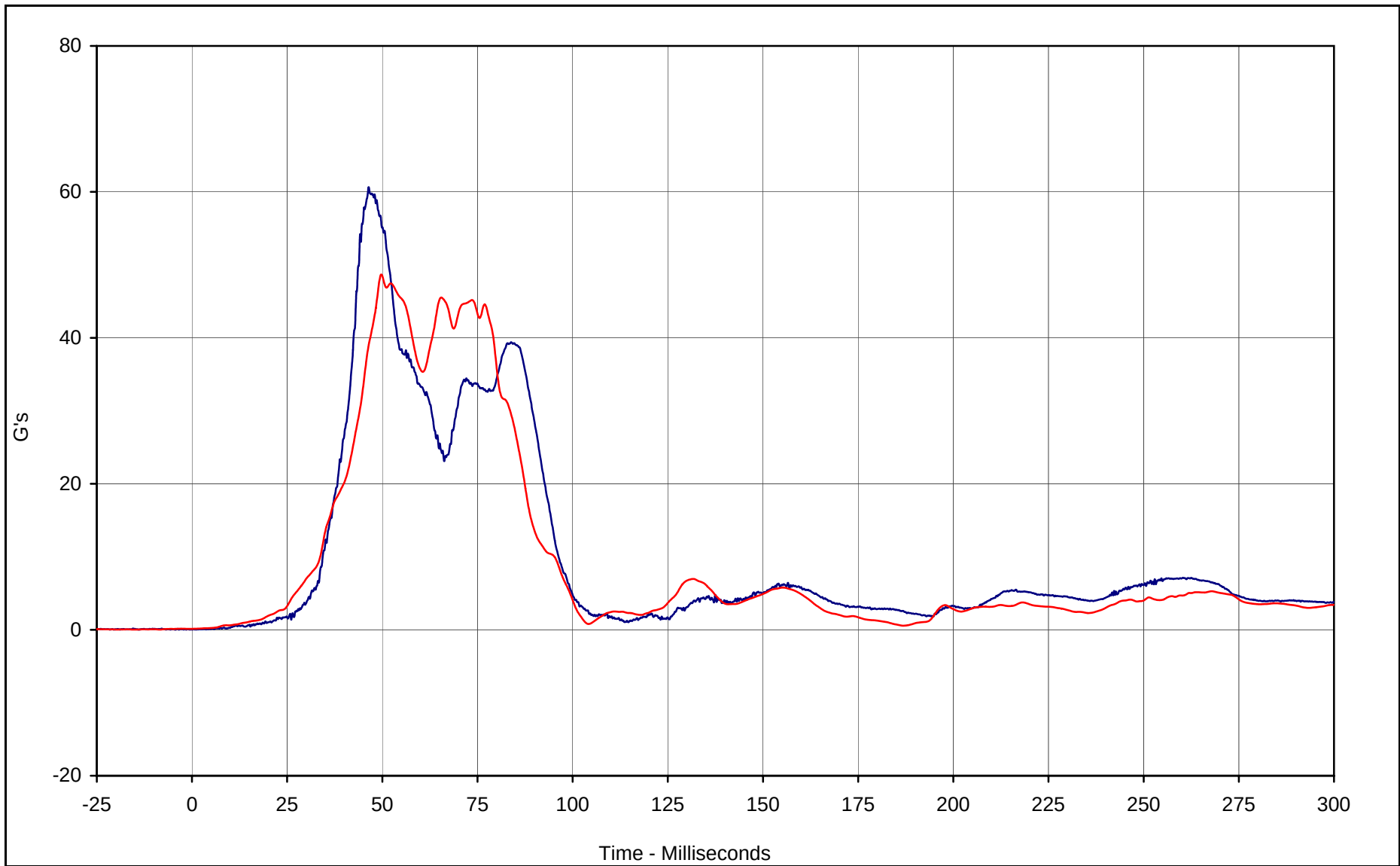
Test Vehicle: 2008 Chevrolet Malibu LS 4-Door Sedan

Test Date: 12/6/07

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Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
CRABI Head Resultant (P3)	163	RES	G's	60.7	46.4	0.0	1.2	1000
CRABI Chest Resultant (P3)	173	RES	G's	48.7	49.7	0.1	0.0	180

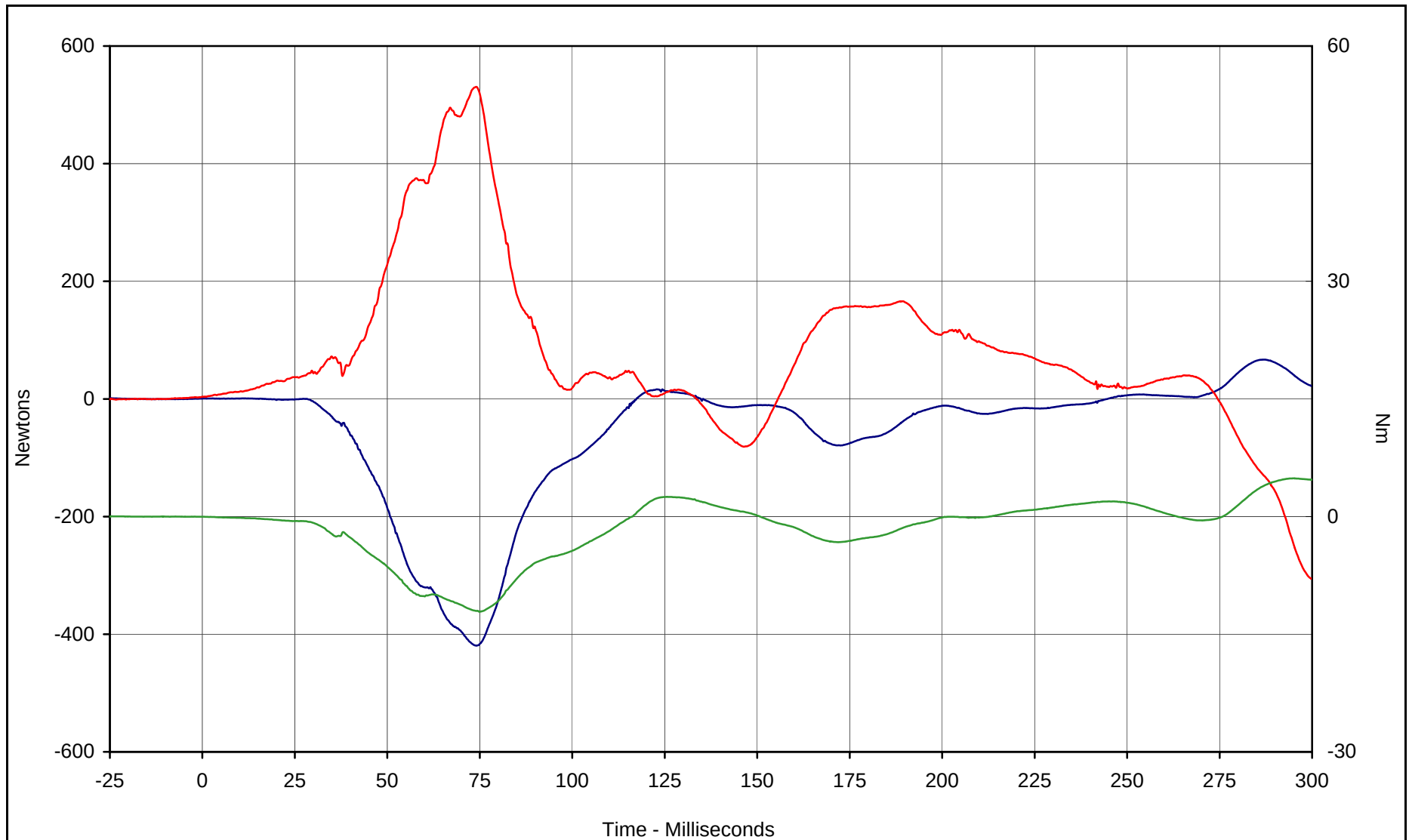
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Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
CRABI Upper Neck Force X (P4)	146	FIL	Newtons	66.9	286.8	-419.5	74.1	1000
CRABI Upper Neck Force Z (P4)	148	FIL	Newtons	530.6	74.1	-305.9	299.9	600
CRABI Upper Neck Moment Y (P4)	150	FIL	Nm	4.9	295.1	-12.1	74.9	600

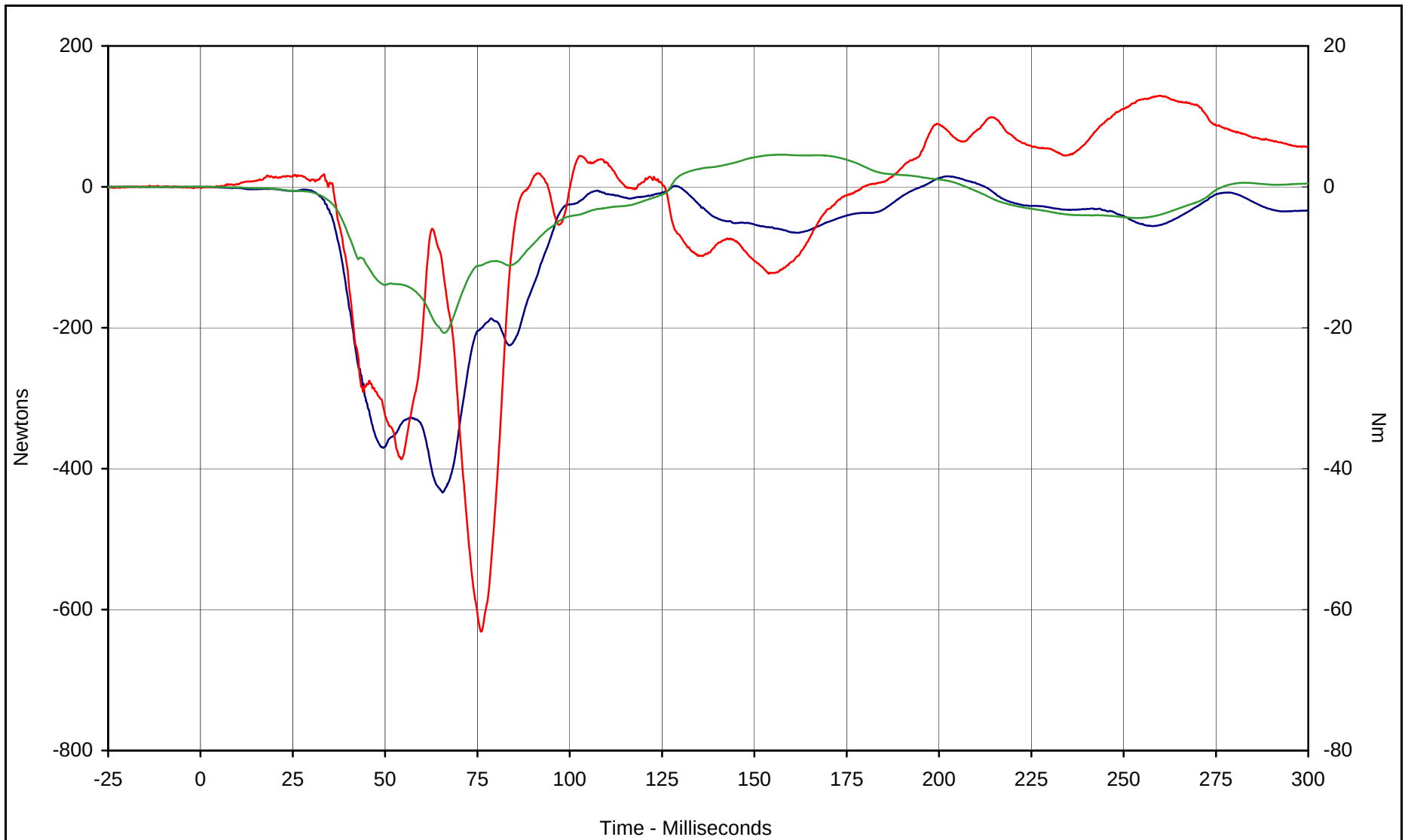


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Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
CRABI Upper Neck Force X (P3)	167	FIL	Newtons	15.1	202.6	-433.8	65.6	1000
CRABI Upper Neck Force Z (P3)	169	FIL	Newtons	129.6	259.6	-631.3	76.0	1000
CRABI Upper Neck Moment Y (P3)	171	FIL	Nm	4.6	156.9	-20.7	66.0	600



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