



**NHTSA 35mph NCAP Test Summary**  
**2008 Cadillac CTS 4-Door Sedan NHTSA No. M80105**

December 18, 2007

	HIC 36 Values				3 Msec Chest Clip		
	Value	t <sup>1</sup>	t <sup>2</sup>	Avg. G's	G's	t <sup>1</sup>	t <sup>2</sup>
Driver Primary	653.0	59.4	91.8	52.6	45.6	59.6	62.6
Driver Redundant	653.8	59.5	92.0	52.6	45.7	59.6	62.6
Passenger Primary	539.5	62.5	98.5	46.8	41.2	63.0	66.0
Passenger Redundant	539.5	62.5	98.5	46.8	41.1	63.0	66.0

	Nij Values			
	Ntf	Nte	Ncf	Nce
Driver	0.27	0.12	0.13	0.15
Passenger	0.11	0.44	0.01	0.01

	Peak Chest Deflections		
	MM	Inches	t <sup>1</sup>
Driver	-31.3	-1.23	65.4
Pass.	-26.3	-1.04	58.6

	Peak Femur Forces			
	Min (N)	Time	Min (Lbs)	Time
Driver Left	-329.8	88.2	-74.2	88.2
Driver Right	-662.3	90.9	-148.9	90.9
Passenger Left	-1163.0	47.8	-261.5	47.8
Passenger Right	-403.6	90.5	-90.7	90.5

Vehicle Safety Features		
ADL	ABS	Adj. Belt Anchors
Yes	Yes	Yes
Pretensioners		Load Limiter
Yes		Yes

	Test Particulars			
	Metric Units		English Units	
	Units	Value	Units	Value
Vehicle Velocity	km/h	56.04	mph	34.83
Vehicle Curb Weight	kg	1912	lbs	4216
Vehicle Test Weight	kg	2124	lbs	4682

Test Vehicle Doors	
Can Disable ADL's Using Owners Manual	No
Doors Locked (Pre)	Yes
Doors Latched (Post)	Yes

	Airbag Deployment			
	Front	Knee	Side	Curtain
Driver	Yes			
Passenger	Yes			

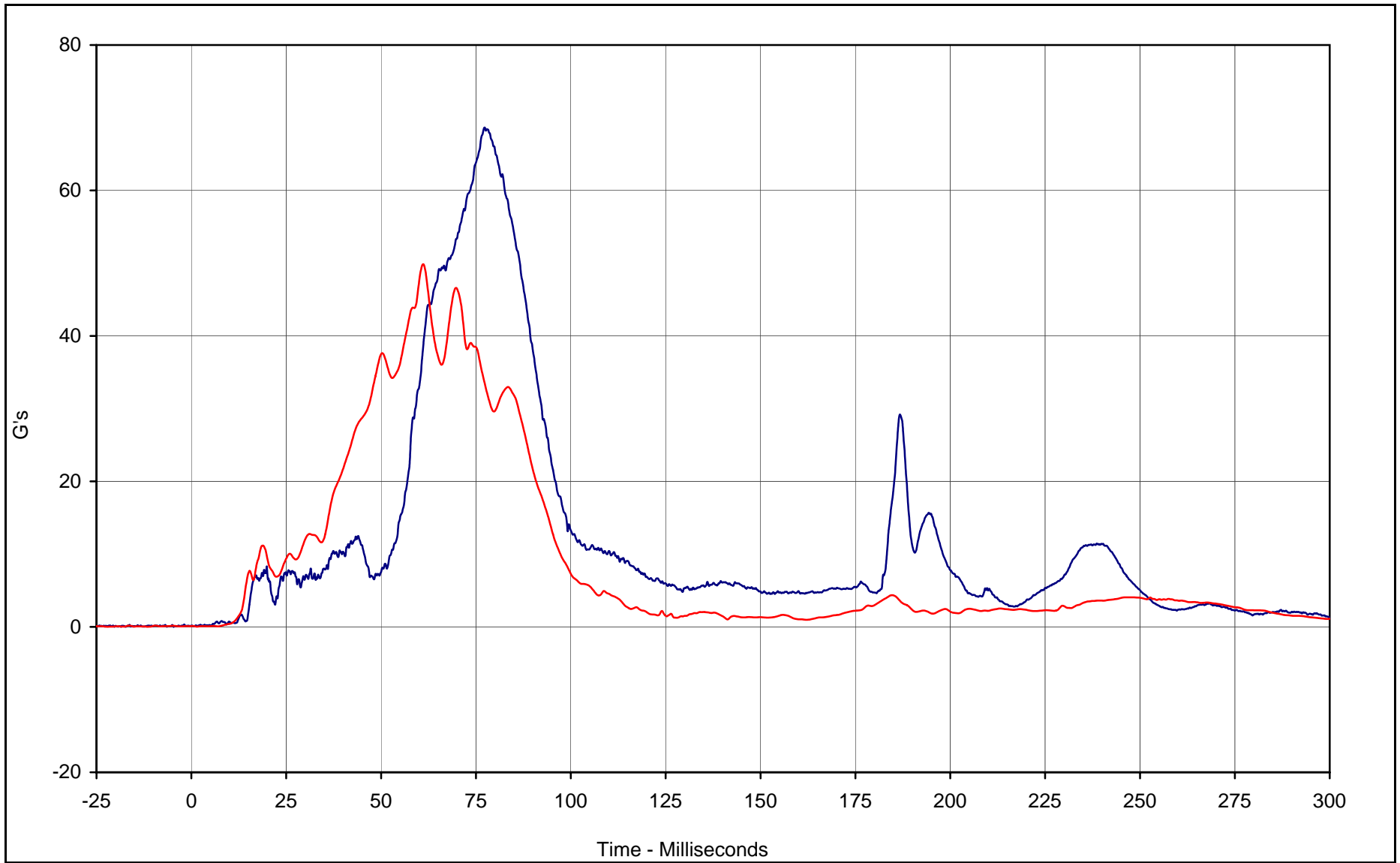
Standards Measured Post Test	
212 - Windshield Periphery Retention	Yes
219 (Partial) - Windshield Zone	Yes
301 - Fuel System Integrity	Yes

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

QUICK-1

TR-P28001-15-NC

QUICK-2



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Head Resultant Primary	001	RES	G's	68.7	77.3	0.1	0.7	1000
Driver Chest Resultant Primary	013	RES	G's	49.9	61.1	0.0	1.5	180



Test Vehicle: 2008 Cadillac CTS 4-Door Sedan

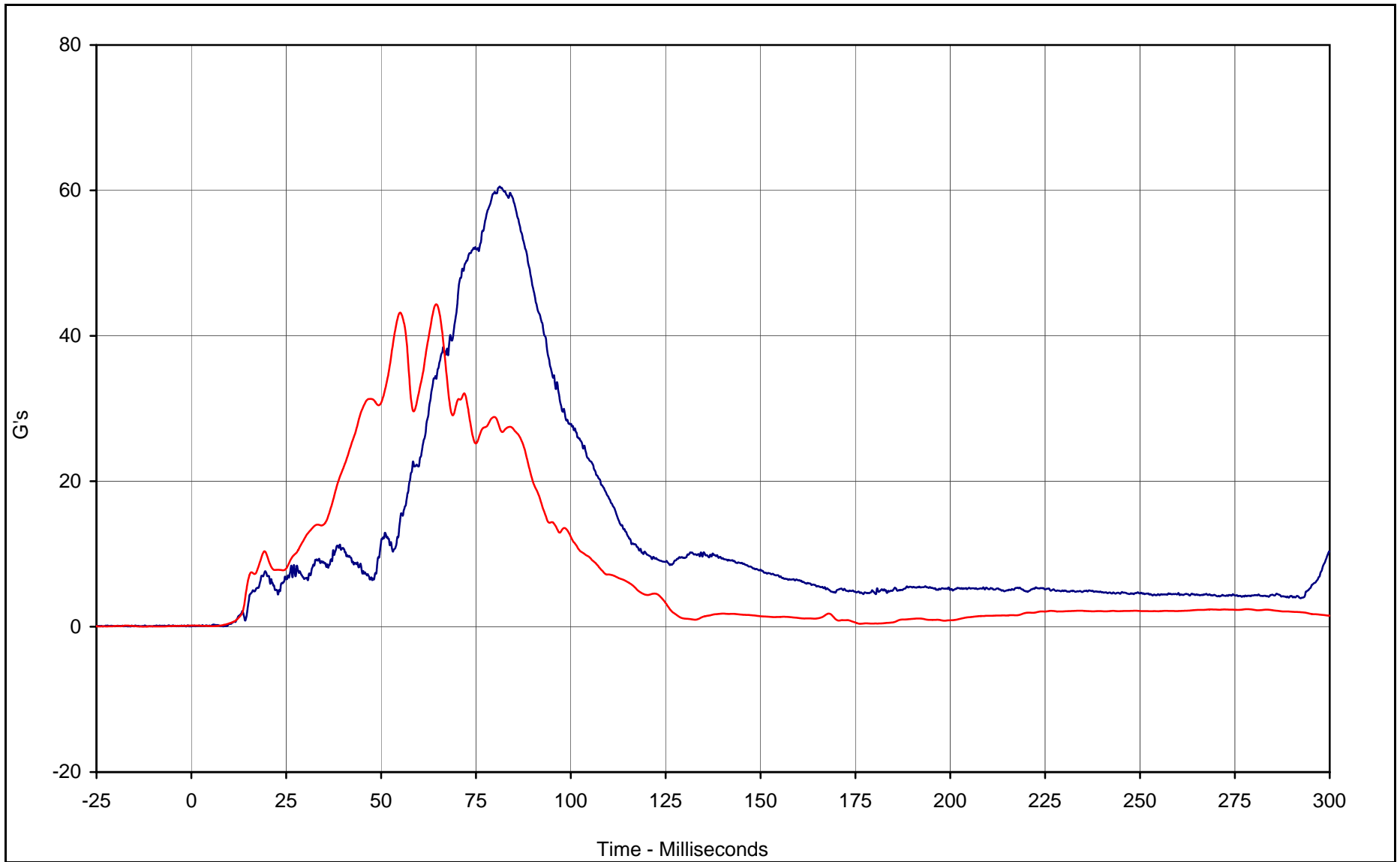
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NHTSA No.: M80105

TR-P28001-15-NC

QUICK-3



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Passenger Head Resultant Primary	045	RES	G's	60.5	81.3	0.0	8.4	1000
Passenger Chest Resultant Primary	057	RES	G's	44.3	64.5	0.1	5.5	180



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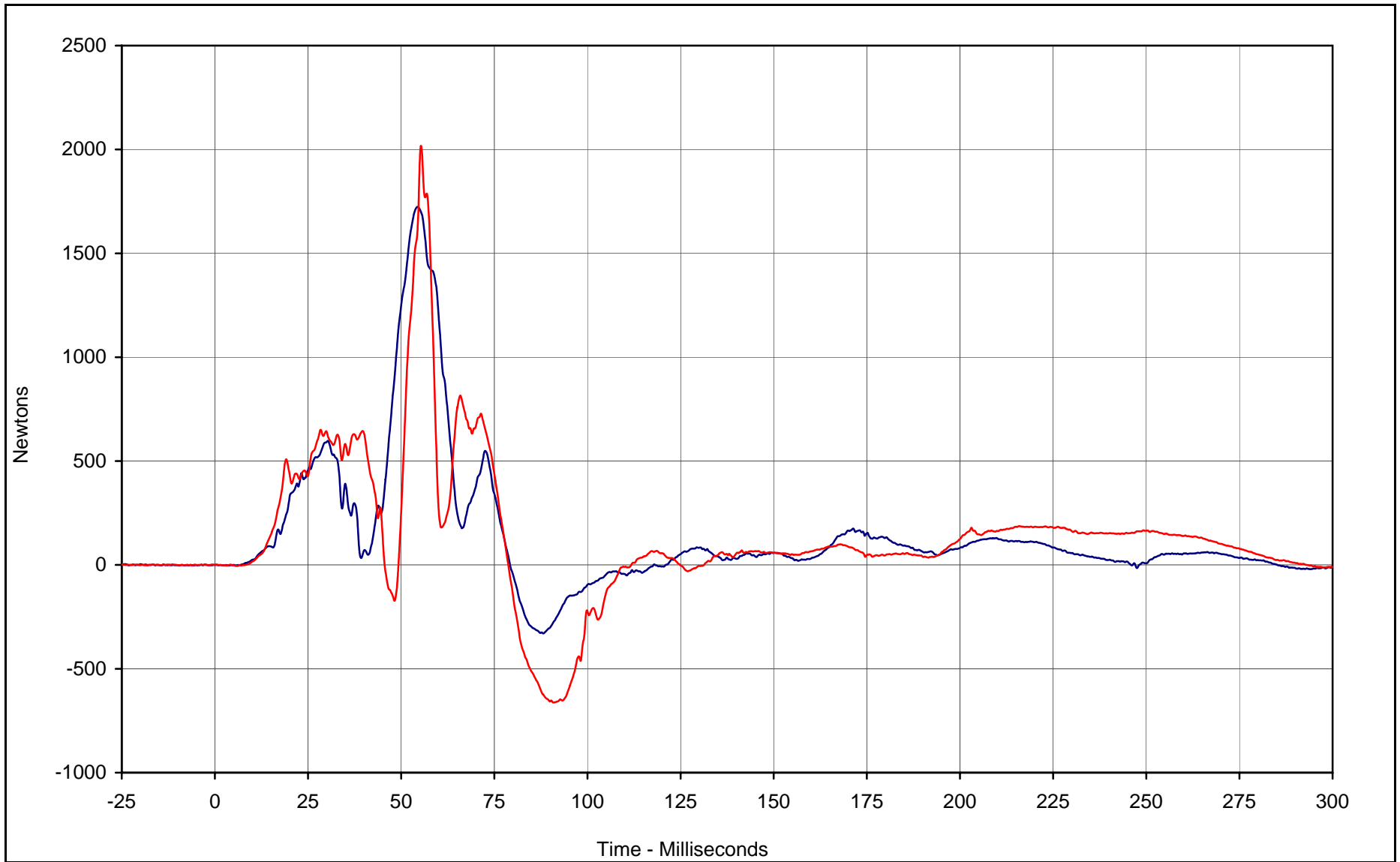
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TR-P28001-15-NC

QUICK-4



TR-P28001-15-NC

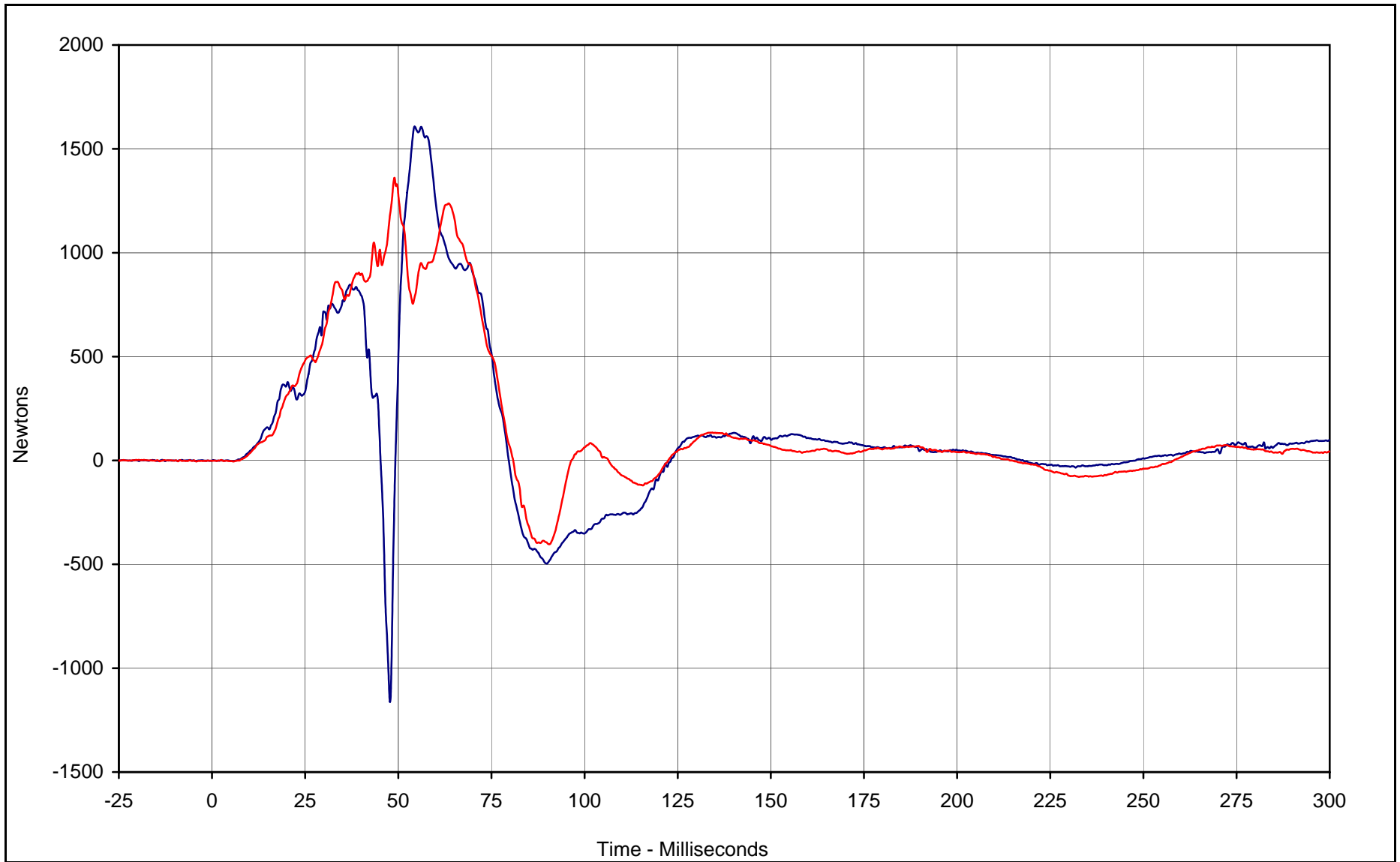
Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Left Femur Force Z	023	FIL	Newtons	1724.0	54.4	-329.8	88.2	600
Driver Right Femur Force Z	024	FIL	Newtons	2017.0	55.3	-662.3	90.9	600



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QUICK-5



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Passenger Left Femur Force Z	067	FIL	Newtons	1608.1	54.4	-1163.0	47.8	600
Passenger Right Femur Force Z	068	FIL	Newtons	1361.2	49.0	-403.6	90.5	600

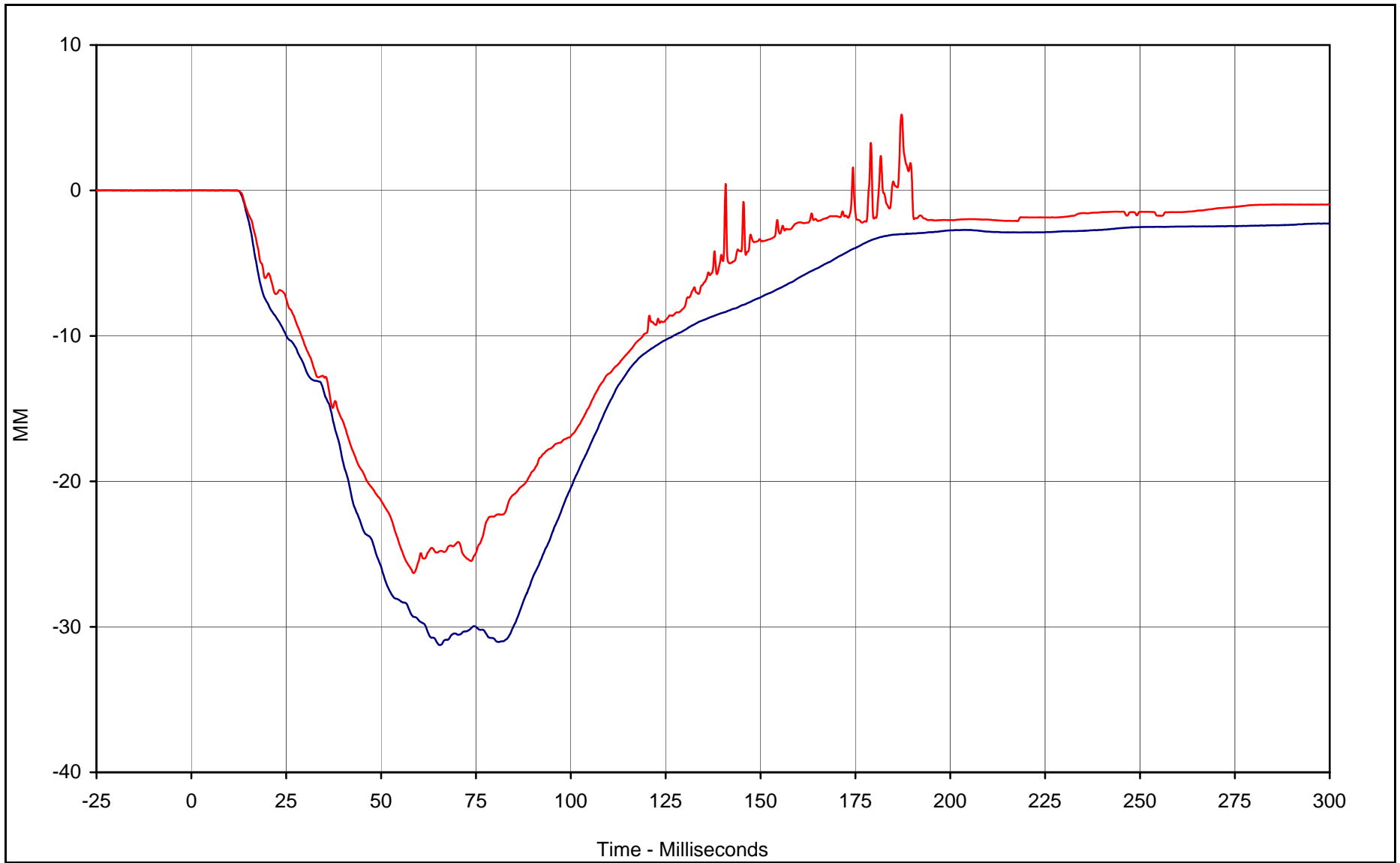


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TR-P28001-15-NC

QUICK-6



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Chest Deflection	019	FIL	MM	0.0	2.2	-31.3	65.4	600
Passenger Chest Deflection	063	FIL	MM	5.2	187.2	-26.3	58.6	600



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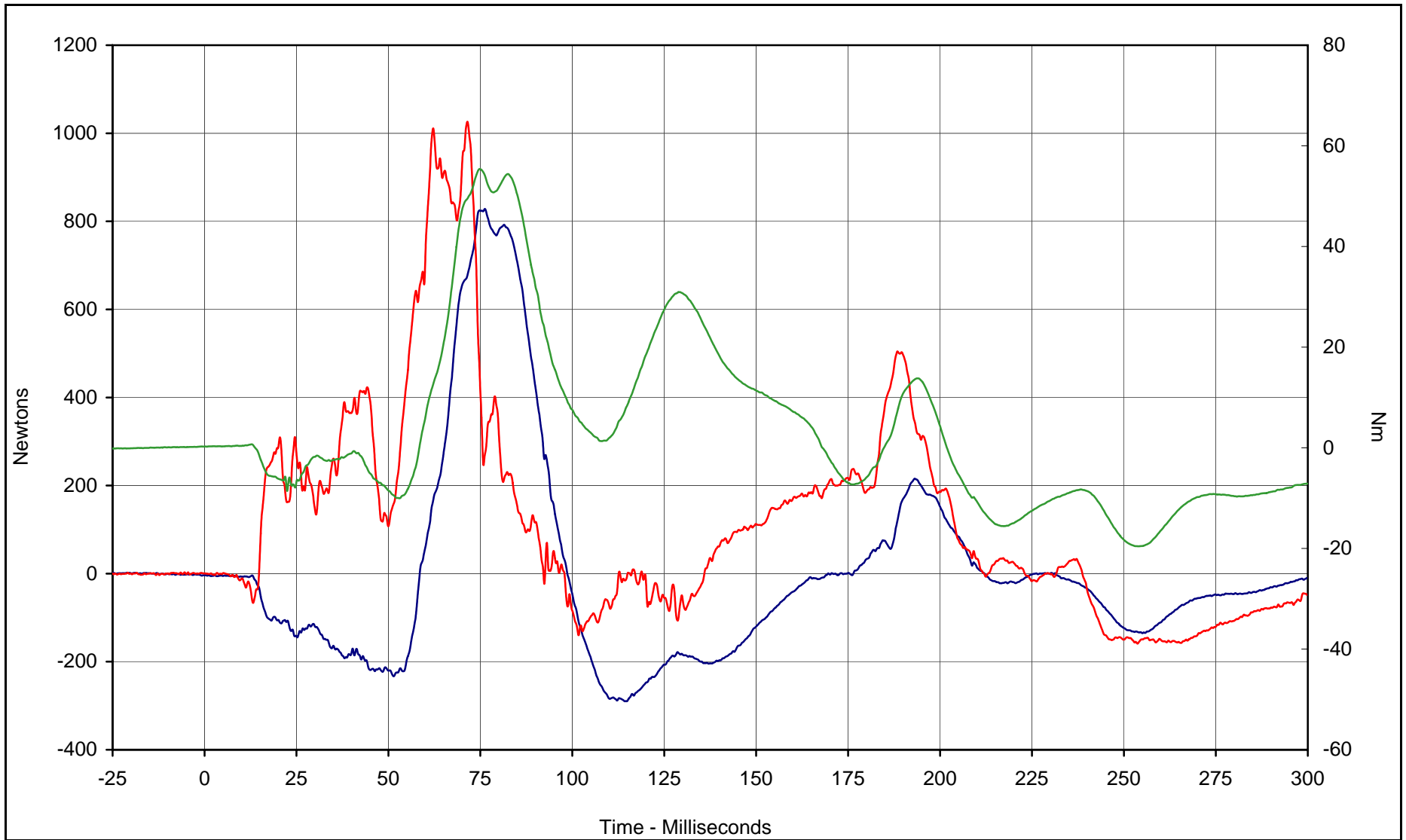
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TR-P28001-15-NC

QUICK-7



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Driver Upper Neck Force X	007	FIL	Newtons	828.1	76.2	-290.1	114.3	600
Driver Upper Neck Force Z	009	FIL	Newtons	1026.1	71.5	-159.1	253.7	600
Driver Upper Neck Moment Y	011	FIL	Nm	55.4	74.8	-19.6	254.0	600

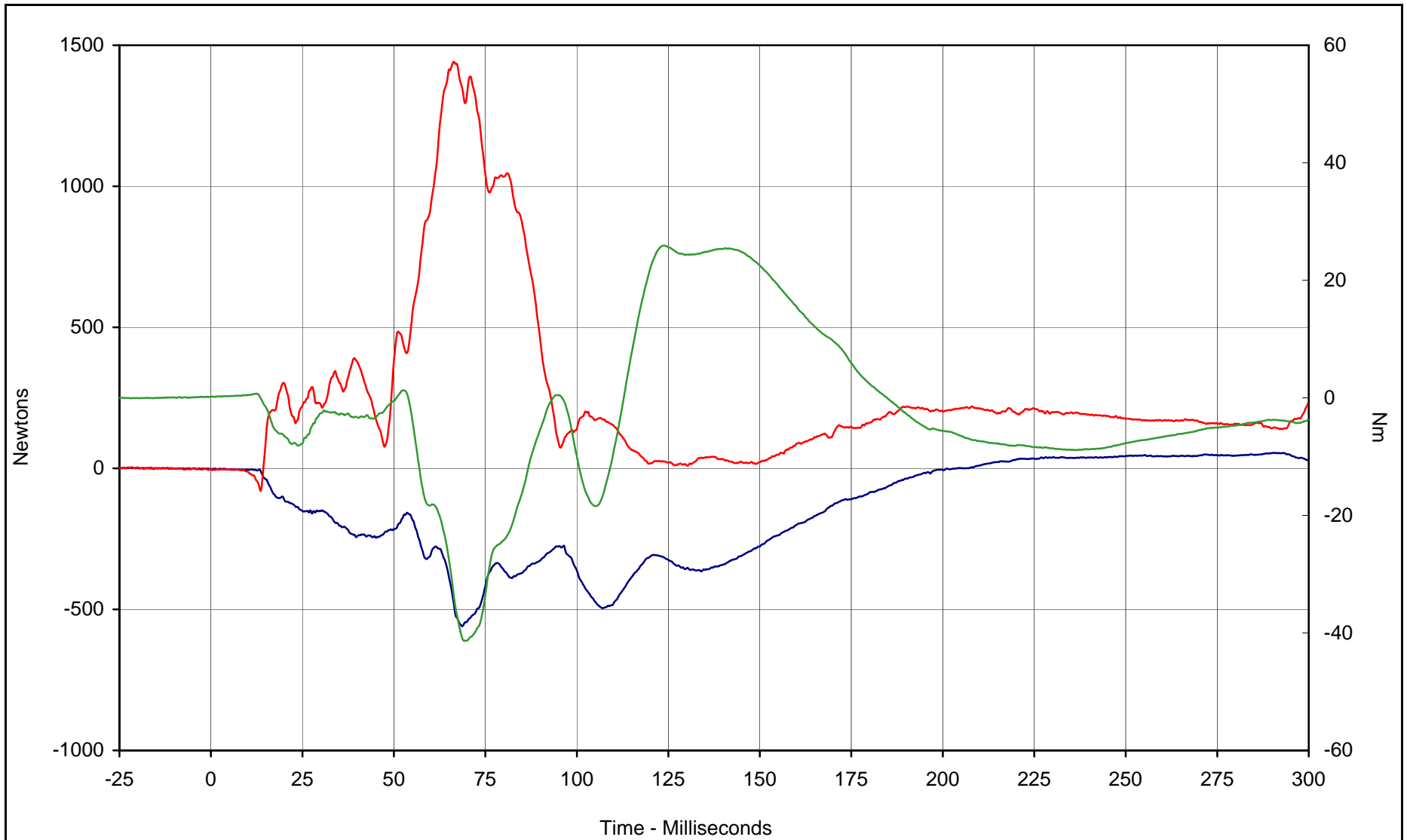


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TR-P28001-15-NC

QUICK-8



Curve Description	CURNO	Type	Units	Max	Time	Min	Time	SAE Class
Passenger Upper Neck Force X	051	FIL	Newtons	54.9	290.2	-559.8	68.7	600
Passenger Upper Neck Force Z	053	FIL	Newtons	1441.0	66.4	-80.3	13.6	600
Passenger Upper Neck Moment Y	055	FIL	Nm	25.9	123.7	-41.4	69.2	600



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TR-P28001-15-NC