

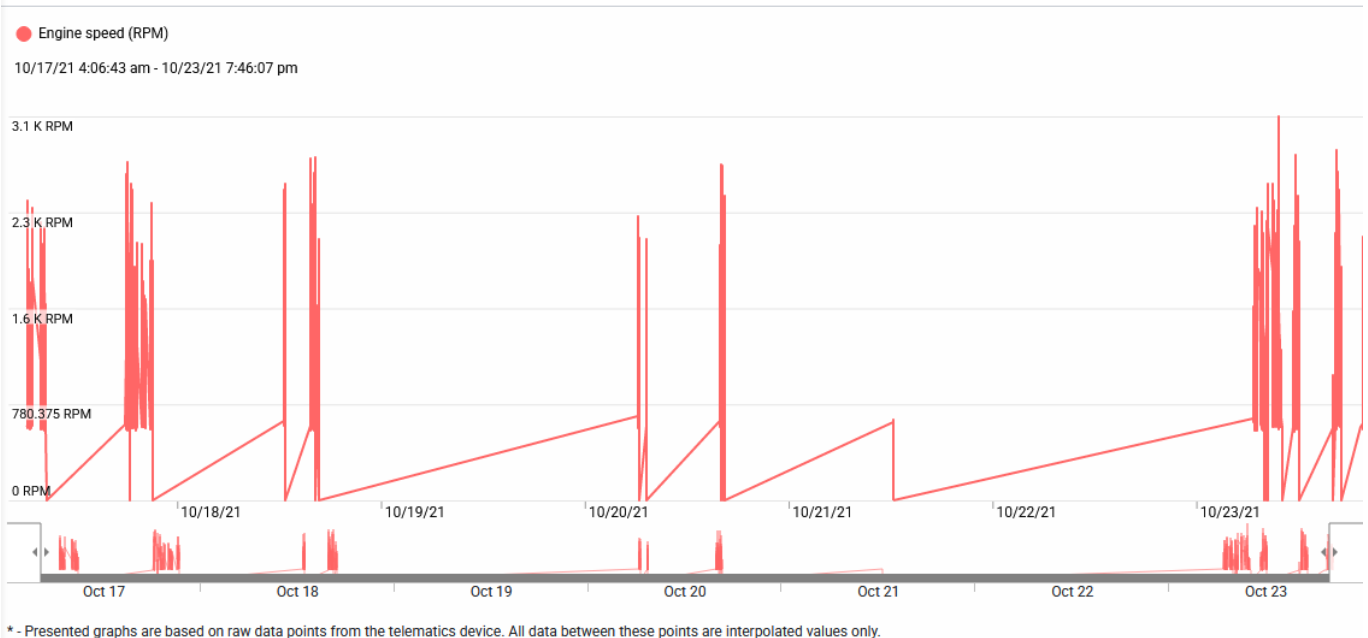
Application

How to use the RPM graph in accident reconstruction.

RPM Graph

The RPM graph is important in determining if the driver had his foot on the accelerator of the vehicle. This can be used to determine if the driver was on the move or slowing down. Keep in mind that depending on the type of vehicle the engine will rev at a certain amount even at idle. A good way to interpret this is to look at the engine RPM value at ignition start. In the image below this Mazda 3 Sedan had an RPM of about 1500 at Ignition start which went down to about 1000. This vehicle will therefore idle at 1000-1500 RPM. Since the highest RPM point is just below 2000 which is very gentle acceleration.

Engine Data Profile 001 - EI - F-250(G09)



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