

## **Haul Truck Lining Systems. Valley Rubber - Experience Counts.**



Within the minerals and mining markets, Haul Trucks continue to be the primary method of moving material from the mine to the processing areas of the operations.

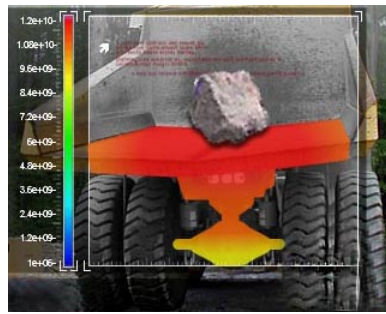
Whether hauling 400 or 40 tons, the most critical aspects of moving material is the actual availability of the equipment. High impact and abrasive wear are inherently problematic in hauling rock and ore, and the majority of truck boxes used are lined with steel or other abrasive resistant metals to combat these problems.

For more than 20 years, Valley Rubber has been providing Rubber Haul Truck lining systems and awarding their customers with significantly improved fleet availability and reduced maintenance costs over the life of the truck. The rubber lining systems are designed for a long life of abuse with many operating beyond five years from their first installation which itself is simple and quick compared to the steel liners it typically replaces.

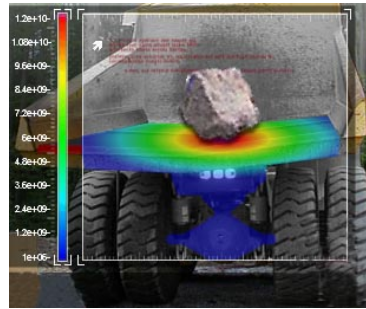
Rubber liners can absorb 400% more impact force than traditional steel systems. That absorption not only protects the truck box, inside of which the material is hauled, but also the

bolsters, ribs, and structural components, which can require many maintenance hours repairing structural cracking, down to the chassis.

### Steel Liner Stress Test



**Steel**



**Rubber**

The benefits of the rubber lining systems are proving themselves to extend beyond better impact and abrasion resistance with drivers themselves promoting the reduction of the whiplash effect on their bodies when the truck is being charged along with the deafening of noise inside of the main cabin and in the mine itself which is becoming more critical as urban expansion pushes out toward operations that were previously isolated. An eight-hour time-weighted average of 85 decibels is the maximum level of noise exposure allowed by OSHA. Valley Rubber tested the impact of a rock on a steel plate and found a peak of 105 decibels. When testing the impact on a 6" rubber liner, the peak was only 68 decibels.

Valley Rubber welcomes the opportunity to tell you more about our successes with Haul Truck lining systems with operator references in both high volume, 24 hour a day mining facilities and smaller 8 hours a day 5 days a week aggregate operations. If you have a fleet of CAT 797's or just a single 40-ton articulated Haul truck, we have a lining system to suit or we will design one for your specific needs.

Visit us at [ValleyRubber.Solutions](http://ValleyRubber.Solutions) or call 1.256.784.5231 and find out how our experience can help you save.