

6 LOADING TIPS

TO HELP IMPROVE TRUCK RELIABILITY

Loaders and haul trucks work together as a system, so it makes sense that good loading practices will positively affect truck reliability.

Here are six ways to refine loading practices to limit truck wear and tear during daily operations.



1 FOLLOW THE CATERPILLAR 10/10/20 POLICY

No more than 10% of payloads may exceed 110% of the Field Rated Payload; no single payload shall ever exceed the Maximum Allowable Payload — typically 120% of Field Rated Payload.

The mean of the payloads shall not exceed the Field Rated Payload, hence no more than 50% of payloads may exceed the Field Rated Payload.



2 AVOID INCIDENTAL LOADING TOOL CONTACT

Extreme care should be taken when loading to prevent incidental contact and resulting truck damage. Do not push the material after it has been placed in the truck.



3 ELIMINATE EXTREME ROCK DROPS

Rocks should be placed gently into the truck's bed. Extreme drops will cause frame and body damage. They're also hard on the truck operator sitting in the cab.



4 BREAK UP VERY LARGE ROCKS

Large rocks should be broken up to minimize loading damage and optimize load distribution.



5 FOLLOW CORRECT LOADING PRACTICES

Improper loading practices (off center, on the canopy, etc.) may cause excessive tire and suspension wear, as well as truck balance issues during the haul cycle.



6 AVOID UNEVEN DUMPING & LOADING

Avoid reversing into the load or dump area at an angle such that one set of rear dual tires may drive up berm or parking such that the rear axle is racked.

LOAD UP ON INFORMATION

Looking for the latest in loading tips and technologies? Call on your Cat® dealer for advice and recommendations.

Always refer to the Cat Operations & Maintenance Manual supplied with your truck for recommended operation and maintenance practices.