U.S. Department of Transportation

National Highway Traffic Safety Administration

Part 573 Safety Recall Report 25V805

Manufacturer Name: CEMEN TECH, INC
Submission Date: Nov 20, 2025
NHTSA Recall No.: 25V805
Manufacturer Recall No.:

Manufacturer Information

Manufacturer Name: CEMEN TECH, INC
Address: 1700 N 14TH ST
INDIANOLA IA, 50125

Population

Total number of potentially involved: 887
Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2023-2024 Volumetric Mixer C60T
Product Category:
Product Type:
Fuel / Propulsion:
Production Dates: Oct 09, 2023 - Feb 29, 2024
Number of potentially involved: 2
Descriptive Information:

The recall population was identified by the steel material used and resulting geometry of the mixer swivel hopper assembly during the period of production identified. Prior to September 2018, a heavier and thicker steel was used on the mixer hopper assembly, which impacted the thickness of the gussets and mount plates. In September 2018, a high-strength, lighter weight and lower thickness steel was adopted and specified across some of the manufacturer's models and components, including the impacted mixer hopper assembly, which impacted the thickness of and pressure on the gussets and mount plates. A review of the steel used by the component supplier to manufacture the mixer swivel hopper ring is ongoing. In May 2025, a different type of steel with an increased material thickness replaced the steel adopted in 2018 across many of the manufacturer's models and parts, including the mixer hopper assembly. Also in May 2025 with the new steel adoption, a modified design of the mixer swivel hopper ring was implemented, including the increased material thickness and profile of the gussets and mount plates.

Vehicle 2: 2018-2025 Volumetric Mixer Custom M60
Product Category: Buses, Medium & Heavy Vehicles
Product Type: Truck
Fuel / Propulsion:
Production Dates: Oct 08, 2018 - Mar 31, 2025
Number of potentially involved: 6

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Descriptive Information:

The recall population was identified by the steel material used and resulting geometry of the mixer swivel hopper assembly during the period of production identified. Prior to September 2018, a heavier and thicker steel was used on the mixer hopper assembly, which impacted the thickness of the gussets and mount plates. In September 2018, a high-strength, lighter weight and lower thickness steel was adopted and specified across some of the manufacturer's models and components, including the impacted mixer hopper assembly, which impacted the thickness of and pressure on the gussets and mount plates. A review of the steel used by the component supplier to manufacture the mixer swivel hopper ring is ongoing. In May 2025, a different type of steel with an increased material thickness replaced the steel adopted in 2018 across many of the manufacturer's models and parts, including the mixer hopper assembly. Also in May 2025 with the new steel adoption, a modified design of the mixer swivel hopper ring was implemented, including the increased material thickness and profile of the gussets and mount plates.

The six customized M60 units subject to this recall have the same C60 mixer swivel hopper assembly (under its own specific part number) due to its customized nature. No other M60 units have this part or are subject to this recall.

Vehicle 3: 2020-2025 Volumetric Mixer C60E

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Truck

Fuel / Propulsion:

Production Dates: Nov 22, 2019 - May 02, 2025

Number of potentially involved: 263

Descriptive Information:

The recall population was identified by the steel material used and resulting geometry of the mixer swivel hopper assembly during the period of production identified. Prior to September 2018, a heavier and thicker steel was used on the mixer hopper assembly, which impacted the thickness of the gussets and mount plates. In September 2018, a high-strength, lighter weight and lower thickness steel was adopted and specified across some of the manufacturer's models and components, including the impacted mixer hopper assembly, which impacted the thickness of and pressure on the gussets and mount plates. A review of the steel used by the component supplier to manufacture the mixer swivel hopper ring is ongoing. In May 2025, a different type of steel with an increased material thickness replaced the steel adopted in 2018 across many of the manufacturer's models and parts, including the mixer hopper assembly. Also in May 2025 with the new steel adoption, a modified design of the mixer swivel hopper ring was implemented, including the increased material thickness and profile of the gussets and mount plates.

Vehicle 4: 2020-2025 Volumetric Mixer C60

Product Category:

Product Type:

Fuel / Propulsion:

Production Dates: Nov 20, 2019 - May 14, 2025

Number of potentially involved: 616

Descriptive Information:

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The recall population was identified by the steel material used and resulting geometry of the mixer swivel hopper assembly during the period of production identified. Prior to September 2018, a heavier and thicker steel was used on the mixer hopper assembly, which impacted the thickness of the gussets and mount plates. In September 2018, a high-strength, lighter weight and lower thickness steel was adopted and specified across some of the manufacturer's models and components, including the impacted mixer hopper assembly, which impacted the thickness of and pressure on the gussets and mount plates. A review of the steel used by the component supplier to manufacture the mixer swivel hopper ring is ongoing. In May 2025, a different type of steel with an increased material thickness replaced the steel adopted in 2018 across many of the manufacturer's models and parts, including the mixer hopper assembly. Also in May 2025 with the new steel adoption, a modified design of the mixer swivel hopper ring was implemented, including the increased material thickness and profile of the gussets and mount plates.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The mount plate and gusset of the mixer swivel hopper ring may crack or separate from the unit due to fatigue over time.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

The mixer swivel hopper ring is located within the hopper assembly, located at the rear base of the unit, affixed to the main mounting structure/conveyor frame and connected to the mixer. The mixer swivel hopper assembly allows the mixer to be lowered, raised and/or to swivel to pour concrete during use and to be stowed in an upright position when not in use and while the vehicle is in transport. If cracks develop in the inner ring at the gussets and mount plates and separate from the mounting location, there is a risk the mixer hopper assembly (with the attached mixer) may detach from the conveyor frame of the vehicle.

Description of the cause:

Force on the inner ring with applied loads may lead to cracking and/or separation, caused by the thickness and type of steel that was used in manufacturing during the specified dates, which created increased force on the gussets and mount plates in the inner ring.

Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

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Name: Metal Services of Blooming Prairie, Inc.

Address: 605 5th St NE
Blooming Prairie MN, 55917

Country: United States

Involved Components

Component Name 1: WELD-MXR SWVL HPPR RING

Component Description: Mixer swivel hopper ring (custom M60)

Component Part Number: 2542-266-02

Component Name 2: WELD-MXR SWVL HPPR RING V3

Component Description: Mixer swivel hopper ring (C60, C60E, C60T)

Component Part Number: 2542-295-02

Chronology

In October 2025, Cemen Tech launched an investigation of the mixer swivel hopper assembly of the C60 model after it was notified that month of a hopper assembly and mixer that separated from a C60 unit when in transit. The hopper assembly and mixer remained attached to the vehicle by the hoist cylinder and hydraulic hoses. This type of separation failure during transit was the second report received by Cemen Tech, the first of which was received in late April 2025. On April 28, 2025, Cemen Tech employees inspected the vehicle in question. The separation of the mixer hopper assembly of that unit appeared to relate to deficient maintenance and reported rough terrain by the customer. In both transit instances, the hopper assembly and mixer remained attached to the vehicle by the hoist cylinder and hydraulic hoses. Neither resulted in injury to persons or other property damage.

On or around November 6, 2025, Cemen Tech's engineering department conducted a preliminary analysis of the mixer swivel hopper assembly. Its analysis considered an earlier December 2024 engineering report that reviewed the hopper assembly from a material and design perspective when Cemen Tech considered changing the steel material used across all its models since September 2018, including the mixer hopper assembly of the C60 model. The steel change for the mixer hopper assembly was implemented across many models at Cemen Tech around May 2025, and a design change of the inner ring of the mixer hopper assembly was implemented at the same time to accommodate the thicker steel and to modify the assembly geometry.

On November 7, 2025, available warranty and other reports for the C60 mixer hopper assembly from October 2018 to present were reviewed from U.S. and Canada showing a total of 14 reports or warranty claims related to cracked or separated mixer hopper assemblies involving the inner ring. Of the fourteen reports and claims, three involved the inner ring mixer hopper assembly that had cracked and caused the mixer assembly to separate from the mounting location (including the April and October 2025 reports). The third separation incident was received in August 2024, reported to have occurred while a

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C60 unit was parked, not in use, in the customer yard and not involved in transport. The other eleven warranty claims or other reports received between August 2024 and October 9, 2025 involved cracking but no separation.[1] All identified warranty claims and reports involved products manufactured with the steel adopted and used from September 2018-May 2025. No reports involved the mixer hopper assembly and mixer completely detaching from the vehicle. No reports of injury or property damage have been received. No warranty claims or other reports have been identified for this issue for units manufactured prior to October 2018.

On or around November 12, 2025, Cemen Tech engineering continued its investigation of defect determination, including scope, cause and proposed remedy for the inner ring of the mixer hopper assemblies manufactured from September 2018 to May 2025. Its investigation focused on the material and geometry of design involved in the C60 mixers identified as well as a customized M60 model for one customer that used the impacted mixer hopper assembly.

On November 17, 2025, Cemen Tech engineering reported a mixer hoper fatigue evaluation which demonstrated the steel used and geometry of the inner ring for units manufactured between September 2018 and May 2025 was the cause of the reported cracks and separation of the gussets and mount plates. A review of the steel used by the component supplier to manufacture the mixer swivel hopper ring during the period of production is ongoing.

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[1] Three reports/claims were received in August-November 2024, ten were received in 2025, and one report of cracking was received with an undetermined date.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Replace

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Dealers and owners of the impacted units (where known) will be notified to conduct an inspection of the gussets and mount plates on the inner ring of the mixer swivel hopper to ensure there are no visible cracks or separation of the mixer hopper with the main mounting on the conveyor frame weldment. If cracks or separation are visible, the owner will be instructed to not use the vehicle until repairs can be made.
Dealers and owners will also be reminded to ensure that the mixer is properly cleaned after each concrete pour as specified in operator’s manual and to inspect that the mixer is not full of hardened material and the mixer is free to rotate.

Once available, Cemen Tech will provide a new mixer hopper assembly and instruct dealers and owners of the affected vehicles to replace the current mixer hopper assembly.

How remedy component differs from recalled component:

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The remedy component is made from a different steel with an increased material thickness and a modified design of the mixer swivel hopper ring.

Identify how/when recall condition was corrected in production:

In May 2025, a different type of steel with an increased material thickness replaced the steel adopted in 2018 across many of the manufacturer's models and parts, including the mixer hopper assembly. Also, in May 2025 with the new steel adoption, a modified design of the mixer swivel hopper ring was implemented, including the increased material thickness and profile of the gussets and mount plates.

Reimbursement Plan

Description of reimbursement program:

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Notices are being developed. Once developed, Cemen Tech will submit to NHTSA and thereafter send out notifications immediately.

Planned Dealer Notification Date:

Planned Interim Owner Notification Date:

Planned Remedy Owner Notification Date:

Date when VIN will be searchable:

☐ No Dealers

☐ No Owners

☐ Phased Recall