

# PRODUCT NEWS

Engine Division

## Cat® Generator Set Vibration Isolators

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**Market:** Electric Power

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**Application:** Cat® C9, C15, C18 and C27 package generator sets, both U.S. and European sourced and all 3600 series package generator sets.

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**Description:** All Cat® C9, C15, C18 and C27 package generator sets utilize linear vibration isolators between the engine generator and the base. These isolators comply with the requirements of up to and including Seismic Zone 4 as stated below:

All Caterpillar® C9, C15, C18 and C27 package generator sets incorporate rubber-type isolators between the engine generator and the base. These isolators are over 95% efficient (85% for C27) in reducing vibration transmission. External isolation is not required. The design is deflection restraint limiting and will withstand high loads in any plane. The design of these isolators satisfies shear and axial load criteria to comply with the 1994 Uniform Building Code (UBC) Seismic Zone 4 requirements.

The isolators use a proprietary rubber compound, which is highly resilient and exhibits high fatigue life. The compound is resistant to water, heat and aging and is impervious to oil, water, antifreeze and diesel fuel.

All 3600 series generator sets use vertically restrained spring isolators between the generator set base and the foundation. These spring isolators also comply with the Uniform Building Code (UBC) Seismic Zone 4 requirements.

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**Features/Benefits:** The above statement can be used to demonstrate compliance with Seismic requirements.

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**Availability:** C9, C15, C18 and C27 : Effective immediately  
3600 series product: Effective immediately  
3500 series product: Available as a Special Engineering Request (SER). Please contact the Application Support Center at (765) 448-2400 or email them at [applicationsupport@cat.com](mailto:applicationsupport@cat.com) for more information.



WHERE THE WORLD TURNS FOR POWER

CAT Elastomer Vibration Isolator as found on C9, C15, C18 and C27 Gensets

