

# Is Your Fleet RoHS Compliant?

## What is RoHS?

RoHS stands for Restriction of Hazardous Substances. RoHS, also known as Directive 2002/95/EC, originated in the European Union and restricts the use of specific hazardous materials found in electrical and electronic products.

## What are the restricted materials mandated under RoHS?

The substances banned under RoHS are lead (Pb), mercury (Hg), cadmium (Cd), hexavalent chromium (CrVI), polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), and four different phthalates (DEHP, BBP, DBP, DIBP).

## Why is RoHS compliance important?

The restricted materials are hazardous to the environment and pollute landfills, and are dangerous in terms of occupational exposure during manufacturing and recycling.



## Cat® Generator EU Emissions Transition Programme

### CAT GENERATOR EU MOBILE EMISSION TRANSITION ENGINES

Caterpillar will utilize the EU NRMM (Non-Road Mobile Machinery) transition programme to help customers manage the costs and complexity associated with EU Stage V. The programme allows EU Stage IIIA products to be manufactured for up to 18 months after the EU Stage V effective date of 01 January 2019; or 01 January 2020 for the 56-130 bKW.

When RoHS (Restriction of Hazardous Substances) goes into effect July 2019 on all mobile products, all Caterpillar EU Stage IIIA transition products will be RoHS compliant and ready for operation in Europe. Caterpillar's new range 20-500 kVA EU Stage V products will be RoHS compliant at first production.

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