Cold cranking capabilities are required to start vehicles in very cold weather conditions. The unrivalled cold cranking properties of lead batteries make this technology essential and currently irreplaceable for every-day vehicles. Lead batteries are well understood systems that are inherently safe, making battery fires and explosions an extremely rare event. That is why lead batteries can be located in all positions in a vehicle.

The high energy density of lithium-ion batteries makes ensuring their safety more challenging. Incorporating a lithium-ion battery requires a full redesign of the vehicle. Lead batteries are the most widely used batteries in vehicles. They are safe, reliable, low cost and make a vital contribution to the circular economy. Lead-based batteries remain essential for the needs of all current and future generations of cars.

Lead batteries are currently the only automotive battery technology that operates in a closed loop. Ninety-nine point nine nine percent of vehicles using lead-based batteries are collected for recycling, making lead-based batteries the highest recycling rate of any automotive battery technology. Lead batteries are the only automotive battery technology that operates in a closed loop in Europe, making a vital contribution to the European circular economy.

What are lead batteries?

Advanced lead batteries are also used in all start-and-stop and micro-hybrid vehicles. This technology is significantly more efficient than other automotive battery technologies. Lead batteries are the only automotive battery technology that operates in a closed loop. Ninety-nine point nine nine percent of vehicles using lead-based batteries are collected for recycling, making lead-based batteries the highest recycling rate of any automotive battery technology. Lead batteries are the only automotive battery technology that operates in a closed loop in Europe and significantly improve their electricity efficiency. Lead batteries are the only automotive battery technology that operates in a closed loop. Ninety-nine point nine nine percent of vehicles using lead-based batteries are collected for recycling, making lead-based batteries the highest recycling rate of any automotive battery technology. Lead batteries are the only automotive battery technology that operates in a closed loop in Europe.

In Europe, more than 99% of lead batteries are collected and recycled and further use, while the vast majority of producers producing lead batteries have a high recycling rate. Lead batteries are used in all start-and-stop and micro-hybrid vehicles. This technology is significantly more efficient than other automotive battery technologies. Lead batteries are the only automotive battery technology that operates in a closed loop. Ninety-nine point nine nine percent of vehicles using lead-based batteries are collected for recycling, making lead-based batteries the highest recycling rate of any automotive battery technology. Lead batteries are the only automotive battery technology that operates in a closed loop in Europe.

The lead battery industry is vital to the European economy.

Efficient recycling of lead batteries

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