Geocycle
Sustainable Waste Transformation

1 Fully Automated Liquid Unloading System

The fully automated system negates the need to core sample bulk road tankers / isotainers - a potential hazard to operators.

Automatic pumps, designed for both light and heavy liquids, ensures a safer, more efficient deilvery and testing process.

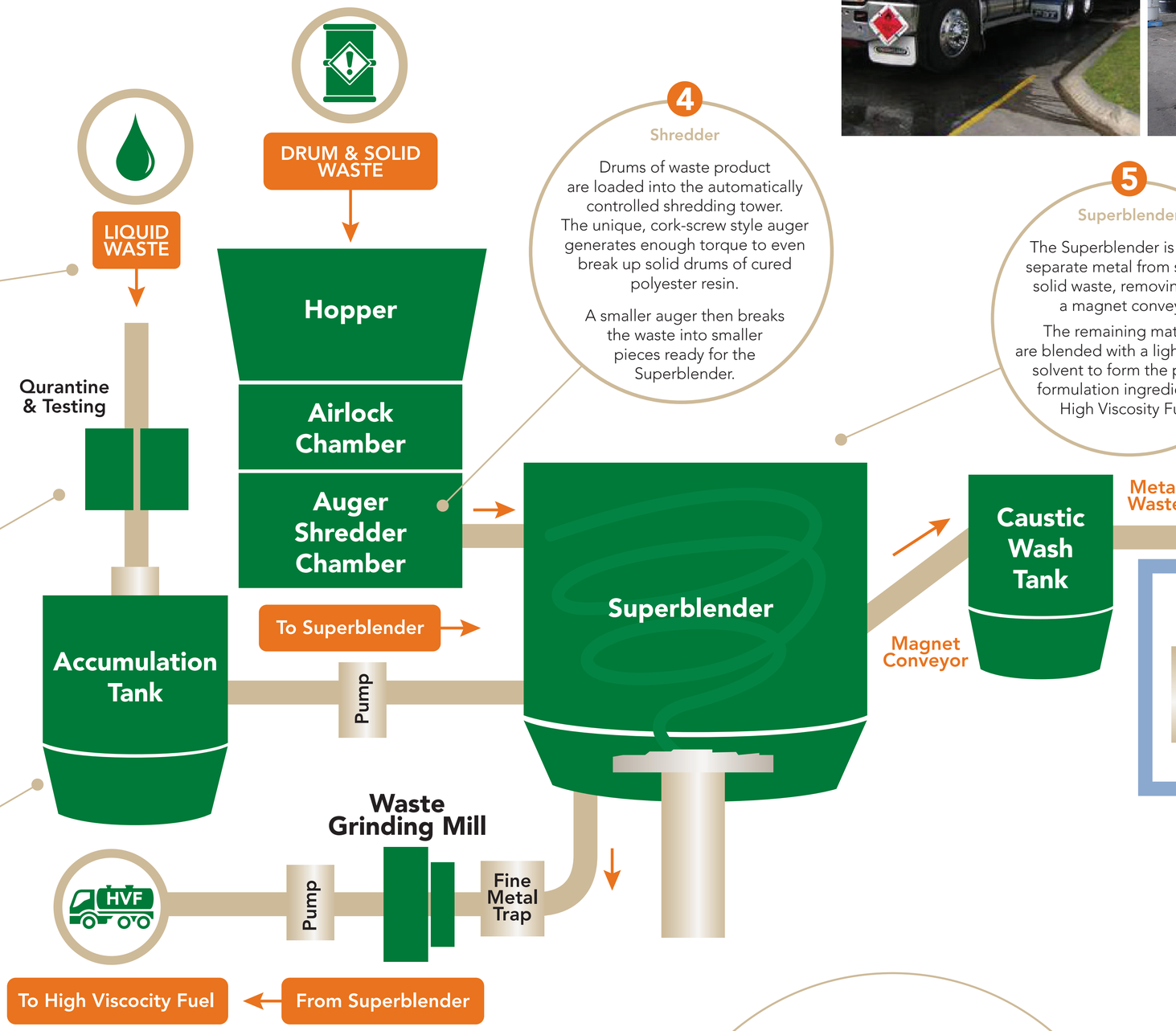
2 Quarantine Tanks

Two quarantine tanks ensure each load is pumped into an empty tank, preserving product integrity and allowing accurate testing to determine waste content.

The tanks can be rapidly emptied ready for the next delivery.

3 Bulk Storage

Bulk skips of sludge waste are pumped into the storage silo and recirculated to create a uniform blend prior to pumping directly into the Superblender.



4 Shredder

Drums of waste product are loaded into the automatically controlled shredding tower. The unique, cork-screw style auger generates enough torque to even break up solid drums of cured polyester resin.

A smaller auger then breaks the waste into smaller pieces ready for the Superblender.

5 Superblender

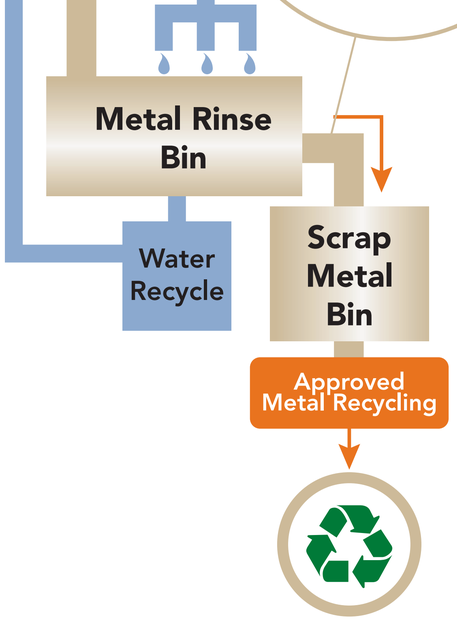
The Superblender is able to separate metal from sludge / solid waste, removing it via a magnet conveyor.

The remaining materials are blended with a lighter liquid solvent to form the primary formulation ingredient for High Viscosity Fuel.

6 Metal Recycling

Separated metal is carried by the magnet conveyor to a caustic wash tank, then to a rinsing system that filters and recycles the rinse water.

Metal is sold for scrap to be recylced by approved metal recycling facilities.



Certified System — Health & Safety OHSAS 18001
Certified System — Environment ISO 14001
Certified System — Quality ISO 9001

GeoCycle processes provide safe and efficient handling of industrial by-product and waste that is then converted to High Viscocity Fuel

PROCESS **5-6 tonnes** of steel drums per hour

CREATE **40 tonnes** of liquid kiln fuel in 8 hours

that's the equivalent electricity needed to run 14 homes for a whole year, every 8 hours!

Geocycle
Sustainable Waste Transformation

CEMENT AUSTRALIA®