

AGGREGATE CONDITIONERS



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McLanahan Aggregate Conditioners are tough and efficient. They are designed to scour, abrade and break down water soluble silts and deleterious clays from coarse rock and/or sand and are placed ahead of wash screens to improve screening efficiencies or in front of a Sand Tank or Fine Material Screw Washers to improve the Sand Equivalency (SE).

Even though Aggregate Conditioners are similar in appearance to Coarse Material Screw Washers, they process material differently:

- All material that enters the box must exit through the discharge opening
- There is no overflow weir so material must be discharged into another piece of process equipment
- Discharge cannot be put on a conveyor belt

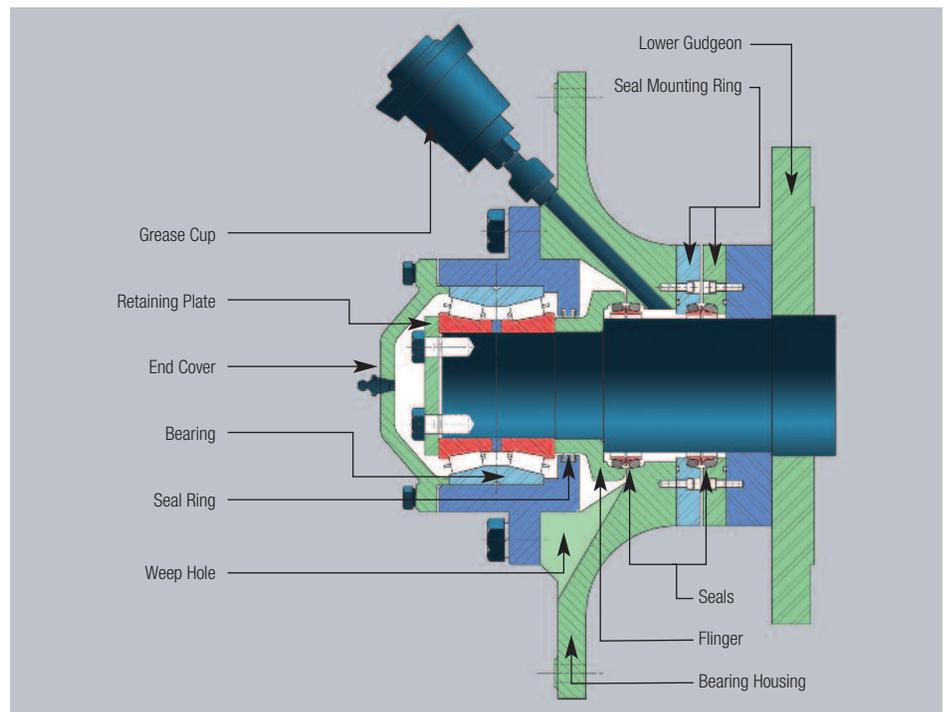
WEAR SHOES

Full depth wear shoes and reversible paddles on McLanahan Aggregate Conditioners are made from abrasion resistant White Iron. Reversible paddles provide longer retention time of the material in the box and improve the scrubbing action.

SUBMERGED BEARINGS

McLanahan Twin-Seal Pak submerged rear bearings are standard on all washing equipment. This design incorporates Duo-Cone® seals that keep water and even the smallest particles from reaching the bearing. Pressure in the bearing housing is maintained between the seals to provide constant seal face lubrication and a weep hole eliminates any possibility of seal damage from over greasing. A plunger in the grease cup even lets you know how much grease is in the bearing seal cavity. The roller bearing is mounted outboard, so it can be removed for easy maintenance.

Duo-Cone® is a registered trademark of Caterpillar Inc.



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