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Spinner II Centrifuges

Boyes Equipment is the Goldfields supplier and service agent of Spinner II Centrifuges for Westate Diesel Systems.

You will be amazed at the amount of contaminants these filters will pull from your oils in any application.



Model 25
 Processes up to 3 L/min (.8gpm)
 Holds up to 250 cc of contaminants



Model 3400
 Processes up to 8.0 gpm (30.3 L/min)
 Holds up to 4,000 cc of contaminants



Model 996
 Processes up to 2.0 gpm (7.6 L/min)
 Holds up to 900 cc of contaminants
 Re-usable rotor



Model 3600
 Processes up to 16.0 gpm (60.6 L/min)
 Holds up to 6,000 cc of contaminants



Model 200
 Processes up to 4.0 gpm (15.1 L/min)
 Holds up to 2,000 cc of contaminants



Parallel Systems
 Centrifuges may be combined in parallel systems to process 100+gpm(378+L/min)
 Contaminant-holding capacity varies according to number of centrifuges in the system

The units can be fitted to fixed plant, gensets, mobile equipment etc. We personally are seeing longer service life on the components and machines since being involved with this product.



Call for more information and or case studies.

Ph: (08) 9021 7555
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Spinner II Centrifuges

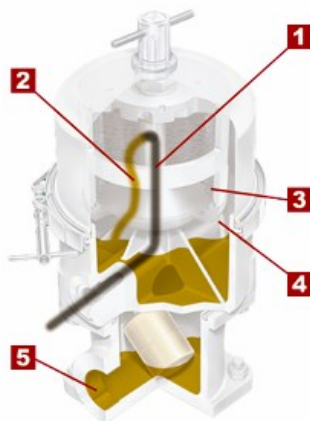
Lubricating fluids are the lifeblood of mechanical processes. Maintain enhanced fluid cleanliness, and your machines will run longer, last longer and cost less to operate. That's the essence of Xtreme Cleaning, the performance you get only with Spinner II centrifuges.

How Spinner II Centrifuges Operate

Spinner II centrifuges are typically self-powered (pump-assisted units are also available). They create fluid pressure sufficient to generate centrifugal force 2,000 times greater than gravity. This force extracts solid contaminants from the fluid stream and deposits them in the cleanable rotor as a dense, solid cake.

Centrifuge Operation

- 1) Dirty oil enters the separation chamber under normal pressure, flowing up through a hollow spindle.
- 2) Oil passes through a spinning rotor where centrifugal force 2,000 times greater than gravity separates contaminants from the oil.
- 3) Contaminants accumulate on the rotor surface as a solid cake.
- 4) Clean oil exits through opposing, twin nozzles that power the centrifuge up to 4,000 rpm.
- 5) Clean oil returns to the sump/reservoir from the level control base.



Operational Advantages

- Maintains constant cleaning efficiency
- No channelling, plugging or fouling
- Simple, convenient installation
- No replacement elements
- Contaminant access for engine troubleshooting
- Enhances long-term preventive maintenance



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Spinner II centrifuges are highly efficient, self-contained, fluid cleaning units for bypass and off-line filtration of engine lubricants, gear oils, machining fluids, hydraulic oils, quench oils and other industrial fluids.

Using the power of centrifugal force, they remove both large contaminants and ultra-fine particles as small as one-tenth of a micron.

In a broad range of applications, Spinner II centrifuges are proven to reduce critical component wear up to 50%. They also meet the challenge of new, low-emissions engines by providing the efficiency to control increased soot loads.



Parallel System

Enhanced Efficiency

The latest generation of Spinner II centrifuges feature a patented rotor design with enhanced flow dynamics. Biased flow channels in the rotor cover act as “centrifugal pumps,” forcing fluid away from the axis to maximize liquid/solid separation.

Xtreme Cleaning Cuts Your Operating Costs

Protects Machinery

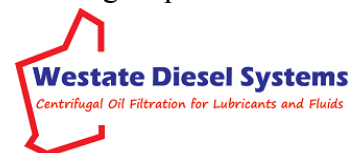
- Reduces wear up to 50%
- Increases component life
- Helps reduce frequency of maintenance and repair

Extends Operating Intervals

- Keeps fluids and additives effective longer
- Prolongs full-flow filter life
- Centrifuge requires minimal service

Eliminates Waste

- Permanent, cleanable and reusable
- No media or filter elements to replace
- Protects the environment by reducing disposable waste



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