

SPINNER CP™ SYSTEMS

Pump-Assisted Centrifuges for Fluid-Cleaning Applications

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%*.

SPINNER CP: EXPANDS CENTRIFUGE UTILITY

Spinner CP systems are pump-assisted centrifuge packages that provide both on-line and off-line fluid cleaning for a wide range of industrial machinery.

Spinner CP systems are custom-engineered to meet specific requirements. Packages typically include a single Spinner II centrifuge, but may incorporate multiple centrifuges operating in parallel for high-volume applications.

A Model 3600 centrifuge processes up to 960 gallons per hour (360 lph). Spinner CP systems with multiple centrifuges are capable of virtually unlimited oil-cleaning capacities.

PRIMARY APPLICATIONS: heavy-duty diesel and gas engines, pumps, generator sets, and specialized machinery in oil and gas, mining, manufacturing, marine, metalworking, construction and other industries

SOLID PARTICLE REMOVAL: down to one-tenth of a micron

FLOW CAPACITY: 2 to 100+ gpm (7.5 to 378+ lpm)

OPERATING SPEED: up to 4,000 rpm

SOLIDS HOLDING CAPACITY: 900 to 6,000+ cc

SERVICE PROCEDURE: remove and clean rotor by hand; no special tools required



HOW ULTRA-FINE PARTICLE REMOVAL SAVES MONEY

Protects machinery:

- | Reduces component wear up to 50%*
- | Extends machinery life
- | Handles increased soot loads in reduced-emissions engines
- | Enables fluid additives to remain effective longer
- | Reduces frequency of maintenance and repair

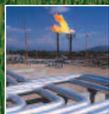
Extends service/operating intervals:

- | Extends fluid life
- | Extends full-flow filter life
- | Lengthens service intervals
- | Increases machinery availability

Cleanable and reusable:

- | No filter or elements to replace
- | Better for the environment
- | Easy to service
- | Lasts the lifetime of the equipment it protects

*Contact Spinner II for test reports and complete details



SPINNER CP™ SYSTEMS

Pump-Assisted Centrifuges for Fluid-Cleaning Applications

LOW MAINTENANCE, EASY TO CLEAN

A Spinner II centrifuge is a large-capacity unit which remains in service many times longer than an ordinary media filter. Specific centrifuge maintenance intervals will vary, based on operating conditions and service hours.

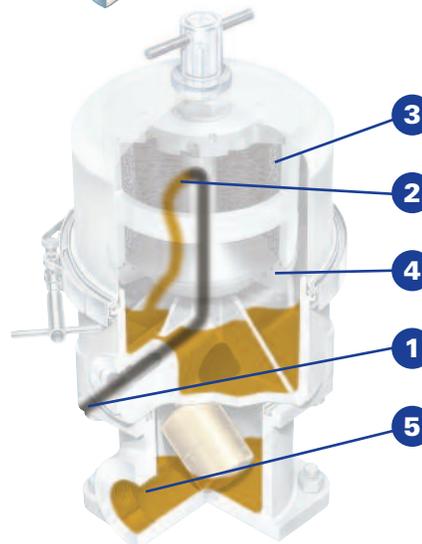
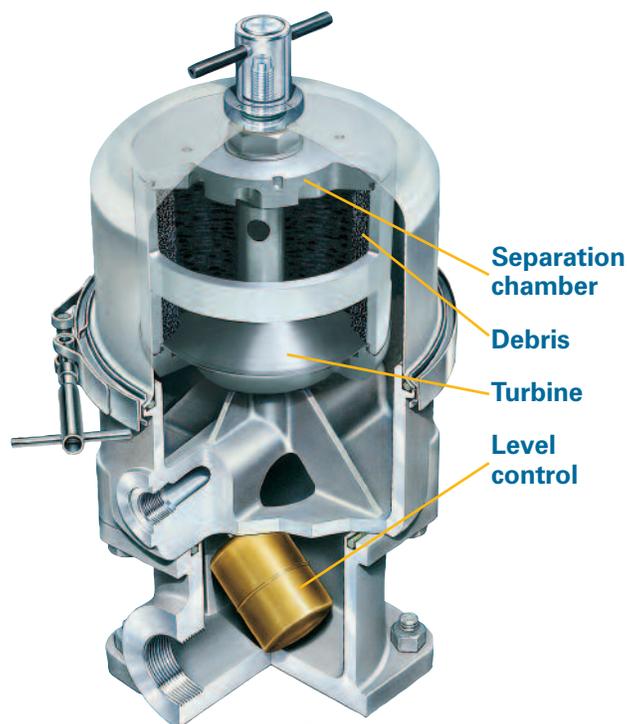
Spinner II centrifuges are durable and require little maintenance. To service the centrifuge, simply remove the cover, empty the dry, compacted contaminants from the rotor and replace.

CENTRIFUGE OPERATION

Spinner II centrifuges generate centrifugal force 2,000 times greater than gravity. This force extracts solid contaminants from the fluid stream and stores them as a dense, solid cake in a cleanable rotor.

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

To find out how Spinner CP systems will protect machinery and reduce operating costs in your application, contact your local Spinner II Products representative.



**T. F. HUDGINS
INCORPORATED**

Toll-free: 800-231-SPIN (7746)
Tel: 713-682-3651
www.SpinnerII.com