

Spinner II® Model 996 Oil Cleaning Centrifuge



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A Spinner II lube oil cleaning centrifuge is the most effective way to prolong the service life and reduce the maintenance costs of heavy-duty diesel engines. This highly efficient bypass filtration unit removes both large particles and fine, sub-micron contaminants that accelerate engine wear and weaken oil additives. A Spinner II centrifuge extends engine life by up to 50%, lengthens service intervals*, increases equipment availability and cuts waste disposal costs.

How SPINNER II CENTRIFUGES CUT YOUR OPERATING COSTS

Superior engine protection:

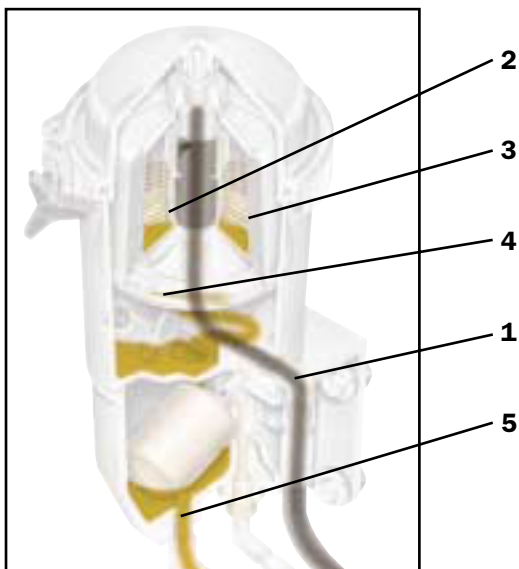
- Reduces engine wear by up to 50% for longer service life (contact Spinner II Products for test reports)
- The only field-proven method for controlling higher soot loads generated by new, reduced-emissions engines
- Maintains oil lubricity longer
- Prolongs the potency of oil additives
- Reduces frequency of maintenance and repair

Extends drain and service intervals:

- Extends oil & full-flow filter life, reducing material and labor expenses
- Lengthens service intervals, maximizing equipment availability
- Frees maintenance personnel for other work

Cleanable, reusable, environmentally friendly:

- No filter elements to replace
- Simple to clean and reuse
- Reduces waste, cuts disposal costs and liabilities



Specifications

PRIMARY APPLICATIONS: heavy duty diesel and gas engines used in construction and mining vehicles and stationary equipment

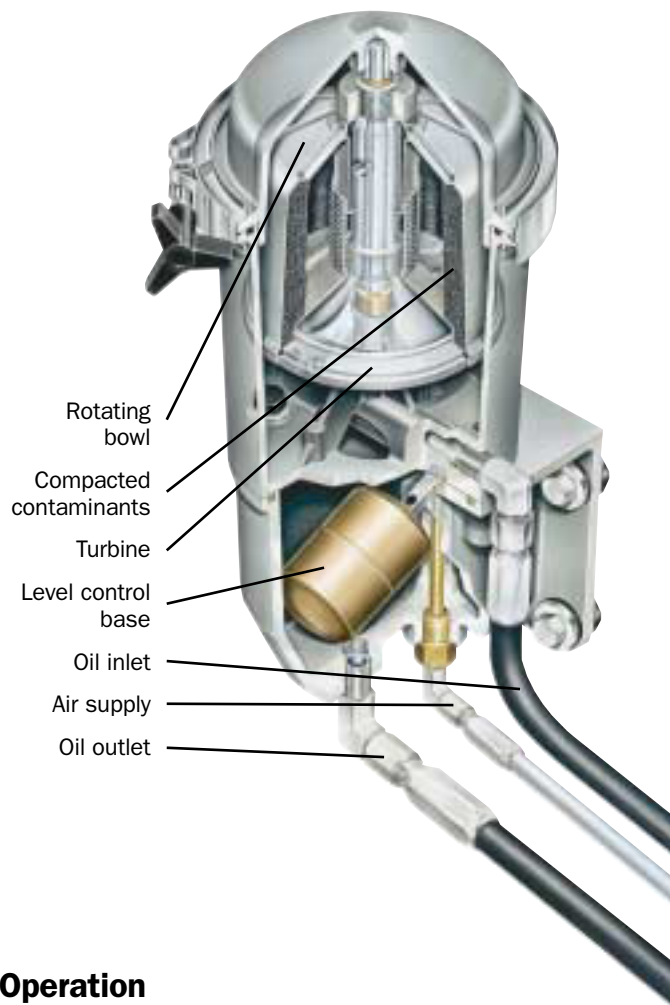
SOLID PARTICLE REMOVAL: down to one-tenth of a micron

FLOW CAPACITY: 120 gallons per hour

CENTRIFUGE POWER SOURCE: normal engine oil pressure or separate pump motor

SOLIDS HOLDING CAPACITY: 900 cubic centimeters

SERVICE PROCEDURE: remove and clean bowl by hand, replace O-ring seals, reinstall



Operation

- 1 Dirty oil flows through hollow spindle into rotating bowl under normal oil pump pressure
- 2 As oil passes through rotating bowl, centrifugal force separates oil and solid contaminants
- 3 Contaminants are deposited on bowl surface as solid cake
- 4 Clean oil exits through opposing, twin nozzles, powering the centrifuge in excess of 6,000 rpm
- 5 Clean oil returns to crankcase from level control base

*Intervals vary by application, contact Spinner II for details.

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Proven Performance

For over 30 years, Spinner II centrifuges have provided exceptional oil cleaning performance on more than 650,000 engines worldwide — including equipment manufactured by Caterpillar, Waukesha, White Superior, EMD, Alco, General Electric, Detroit Diesel, Clark Bros., Ingersoll-Rand, Cummins and many others. Over 40 OEM's have installed Spinner II centrifuges as standard equipment.

Spinner II Centrifuges for All Applications

Spinner II centrifuges are available for virtually any engine application. They can be specified on new equipment or easily retrofitted to existing units.



Model 25 SE — .8 gal/min



Model 400 HD — 8 gal/min



Model 996 — 2 gal/min



Model 600 HD — 16 gal/min



Model 200 HD — 4 gal/min

SPINNER II® PRODUCTS



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Litho in U.S.A. Bulletin No. ?????/M/3-02