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Powerfully Effective

The Spinner II centrifuge is a highly efficient bypass filtration device.

It is typically powered only by engine oil pressure, although pump-assisted units are also available. The centrifuge operates at speeds in excess of 6,000 rpm, generating a force more than 2,000 times greater than gravity.

This force extracts solid contaminants from the fluid stream and deposits them on the inner wall of 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.

