

SPINNER II[®] PROFIT BUILDER

You'll Be Dollars Ahead

A Newsletter on Money-Saving Ideas From
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GAS PRODUCTION

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Engine Overhauls Mean Lots of Dirt — the Spinner II[®] CS System Traps Build Debris

A CS Oil Cleaning System provides highly efficient lube oil filtration without the use of any throw-away components, saving maintenance and disposal dollars. By matching a Spinner II centrifuge to a cleanable screen full-flow lube filter, customers are saving money while operating with oil that's cleaner than with media-only approaches. One White-Superior engine user recently overhauled a G825 applied to drive a gas-gathering compressor. The factory-fit lube filtration system was replaced with a CS 110-480 Centrifuge/Screen System and returned to service. After only 120 operating hours, the screen pressure drop had increased to 35 psid, a level well-beyond the normal service point. After the screen was

removed from the housing, the customer found it was covered with small slivers of steel and bronze which had been "chewed up" during engine break-in. A quick clean-up of the screen with water jet spray removed the trapped debris.

The centrifuge/screen system has now accumulated 70 days of continuous operation; since the centrifuge continues to trap wear debris (~500 grams in bowl at last check), the screen is still operating below change-out pressure levels. The customer has concluded that by applying a filtration design that allows *no filter bypass* during the high dirt loads at start-up, catastrophic failures after overhaul are prevented; in addition, the CS System saves both maintenance dollars and time.

