

SPINNER II[®] PROFIT BUILDER

You'll Be Dollars Ahead

A Newsletter on Money-Saving Ideas From
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OIL & GAS DRILLING

PB No. 112

Fill-For-Life Oil Service on Drill Rig Gen Sets with Spinner II

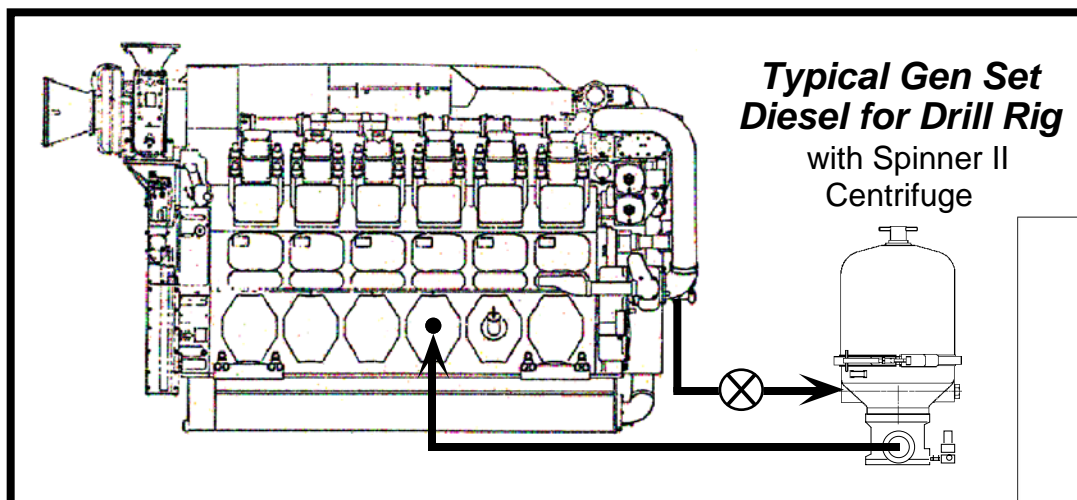
Once in a while a company so dominates an industry that by force of its size and competence, it ends up being the source for significant operating innovations. In the drilling industry, few organizations have been so enduring and recognized than one such international drilling contractor and operator headquartered in Dallas, Texas.

Since the early 1970's this contractor made a firm commitment to two key components: the Caterpillar diesel and the Spinner II Oil Cleaning Centrifuge. With this diesel, serviceability was high and the centrifuge was an ideal complement for lube oil dirt control to extend engine durability. In this company's theology, if the engine was a Cat and it had a Spinner II Centrifuge, they were confident of cost-saving performance.

Over six years ago, the corporate Drilling Maintenance Manager approached a synthetic lubricants manufacturer with a proposal: 'since our gen set lube oil is kept clean with Spinners, why can't we begin a fill-for-life lube service interval, with nothing more than make-up oil?'. This seemed like

a logical approach since these gen sets operate continuously at a fixed speed and load. The lube supplier, Primrose Oil Company, cautioned that despite the impressive endurance of synthetic lubes, chemistry would still remain a life-limiting factor; they proposed to employ a triggered addition of the specific additives required for proper maintenance of the essential lube traits. Formulated after a three-year field development program on drill rigs world-wide, Primrose now packages this Additive Replenishment Kit (ARK) and the fill-for-life (FFL) approach is offered by the contractor across all its platforms.

This company and others are achieving safe, impressive results: individual engines with FFL practice are exceeding standard overhaul intervals; total time on FFL engines is greater than 2,000,000 hours. With lube performance maintained by ARK additions and centrifugal dirt trapping, FFL saves handling, transport and tip costs since used engine oil *never* makes the trip back to land-based recycling facilities.



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