

# Customer Testimonial



## Monolec® GFS Engine Oil (8440)

### J & J Charters – Corpus Christi, Tex. Charter Boat with Cat 3126 Engines

- Extended oil drain intervals from 200 hours to 550 hours

#### Customer Profile

J & J Charters is a reputable fishing guide service that docks in Port Aransas, Texas. Captain Paul Eccleston has more than 29 years of deep sea fishing guide service experience, and Captain Jarod Camehl has twelve years experience. J & J Charters has clients that come from across the country just to go deep sea fishing with them, and although it's not guaranteed, their clients catch something on every fishing trip expedition and leave with an exceptional deep sea fishing experience.

#### Application

J & J Charters operates a charter fishing boat powered by two Cat 3126 engines.

#### Challenge

Due to the breakdown of the commercial grade engine oil they were using, oil drain intervals were set at 200 hours. In addition, the engines had to be rebuilt every 1,400 hours at a cost of \$13,000. Captain Eccleston wanted to extend the oil drain intervals and use a superior oil to avoid the typical rebuild costs.

#### LE Solution

Mike Calk, LE lubrication consultant recommended Monolec® GFS Engine Oil (8440), which is formulated for heavy-duty service and is excellent for diesel powered engines. It is made from select paraffinic base oil and contains Monolec, LE's exclusive wear-reducing additive.



#### Results

Once the engines were filled with Monolec 8440, with the use of LEAP<sup>SM</sup> (Lubrication Engineers Analysis Program), J & J Charters was able to extend the oil



drain intervals out to 550 hours. Their goal is to extend the oil drains out to 800-1000 hours so they can change the oil once a year in the off season. Oil analysis will be taken every 250 hours to achieve their desired oil change

interval. According to the LEAP analysis, J & J Charters had better wear, additive and viscosity values with Monolec 8440 after 550 hours than they did with the commercial grade oil at 135 hours.

J & J Charters			
Caterpillar 3126 Engines			
Commercial grade oil		Monolec GFS Engine Oil (8440)	
Oil change interval	200 hrs	Oil change interval	550 hrs
Total cost for oil per 200 hrs	\$190.00	Total cost for oil per 550 hrs	\$379.50
Time to change oil @ 200 hrs	4 hours		
Downtime cost per every 8 hrs	\$1,200.00	Hours of downtime saved	8 hrs
Total cost of oil per 550 hrs + downtime	\$1,722.50	Total cost of oil per 550 hrs + downtime	\$379.50
<b>After the entire cost of the LE oil is factored out:</b>			
<b>Total LE savings per 550 hrs</b>			<b>\$1343.00</b>



Thank you to Paul Eccleston, captain, Jarod Camehl, captain, and to Mike Calk, LE lubrication consultant (pictured), for providing the information used in this report.

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Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

SIC 9199  
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