



COASTAL CHEMICAL CO., L.L.C.

Gas Engine Oil Service Program

This program is designed for the gas engine industry to decrease costs by:

- ✓ Monitoring engine and compressor condition
- ✓ Extending oil drain intervals
- ✓ Maintaining consistent oil supplies
- ✓ Managing costs through summary reports

We achieve these goals through our “Total Fluid Management” program:

Oil / Sampling Program – Samples from engines/compressors are sent to the Mobil Signum laboratory for detailed analysis. Analysis can show potential problems and decrease equipment failure. CCC personnel monitor all analysis. Extended drain intervals are also made possible based on oil analysis. *This allows continuous protection of the equipment while minimizing oil changes and unit downtime.*

Borescope Services – Examination of combustion areas of engines to determine condition of liners, pistons and cylinder heads. *Written reports are provided with pictures to document findings.*

Predictive Maintenance Training – ExxonMobil and CCC personnel are available to train maintenance personnel on the use and benefits of oil analysis and the analysis reports. Technical support is provided with recommendations on how to incorporate changes in maintenance practices to prevent future failures. *Maintenance personnel gain a better understanding of the value of good maintenance practices.*

Scheduled Oil Deliveries - Once usage is determined, trucks are dispatched to the locations based on history of oil usage throughout a fleet of units. "Milk Runs" are made to an area to keep the units supplied on a consistent basis. *This means less worry for your field personnel in maintaining a consistent oil supply.*

Coolant Program – Includes CoastalGuard, premium extended life product, which, through routine analysis can remain in the engine for many years. Regular testing will indicate fluid condition and when necessary additives can be inhibited to original specifications. *Maintaining quality in your coolants is important to the life of your equipment.*

Monthly Usage Report – This report shows deliveries to locations on a monthly basis. *This special tool allows management to investigate unusual higher usage at locations.*

Monitoring both the coolants and lubricants in your machinery completes our program.