



Monolec Ultra[®] Engine Oil (8800)

South Redford Public Schools – Redford, Mich.

Thomas School Buses

- *Extended oil drain intervals from 4,000 miles to 20,000 miles*
- *Reduced makeup oil from 5 quarts per week to 1½ per week*

Customer Profile

South Redford Public Schools service the Redford, Michigan area, with 23 school buses for pupil transportation. These buses cover more than 252,000 miles annually, transporting 1,600 students.

Application

The Thomas school buses are equipped with Cummins 6BTA 190, Caterpillar 3208 and International 6.9L engines.

Challenge

The bus fleet of South Redford Public Schools felt the engines were using too much oil. The buses operate five days a week, six hours a day average, in stop and go situations, with heavy acceleration.

LE Solution

The local LE lubrication consultant recommended Monolec Ultra[®] Engine Oil (8800), which is formulated for heavy-duty, long-drain service in diesel and gasoline engines. It improves fuel efficiency, reduces wear and provides all-season, all-weather performance. It is made from select paraffin base oils and contains Monolec[®], LE's exclusive wear-reducing additive.

Results

Drain intervals have been extended from 4,000 miles to 20,000 miles, with filter changes at 5,000 miles. Makeup oil has been reduced from 5 quarts per week to 1½ quarts per week.

Other Products Used

- Monolec[®] Power Fluid (7500) for the transmissions. It is reported the automatic transmissions shift smoothly in both warm and cold conditions, and maintenance problems have been greatly reduced.
- Almaplex[®] Industrial Lubricant (1275) is used for grease points on the buses.

Thank you to John Dunn, transportation mechanic, and to Matt Pressnell, 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 8211
LI70159 6-11, rev. 3-15

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