



Monolec® Hydraulic Oil (6520)

The Premarc Corporation – Durand, Mich.

Boom Truck

- **Reduced operating temperatures an estimated 30°F**
- **Eliminated hydraulic pump failure**

Customer Profile

The Premarc Corporation is a multi-plant manufacturer of concrete pipe and other concrete products. They have been an LE customer since 1998.

Application

Premarc has several truck mounted boom cranes that are used to load and unload product from the trucks. These trucks are very important to the operation of the plant. If the hydraulics are not working properly, the trucks cannot perform the work required to maintain a tight schedule.

Challenge

One particular unit was having a problem with the hydraulics overheating. At the operator station, the very hot hydraulic oil would smoke and create a difficult operating environment. The operator complaints were continuous. The hot hydraulic oil was causing hoses to overheat, become brittle, and break. It was also causing hydraulic fittings to fail. They were losing a hydraulic pump every month during the late Spring and Summer months when the outdoor temperature was high.

LE Solution

The local LE lubrication consultant recommended Monolec® Hydraulic Oil (6520) to Dave Christy, garage supervisor, as a way to correct the problem. Monolec 6520 has anti-wear qualities, anti-foaming qualities, contains rust and oxidation inhibitors, and separates readily from water. It also contains Monolec®, LE's exclusive friction reducing additive.

Results

Since converting to Monolec 6520, the hydraulic system on the truck is running an estimated 30°F cooler. They have not had any operator complaints on the unit from overheating oil. They have not lost any oil lines or fittings, and not one hydraulic pump has failed. At \$540 per replacement pump, this has saved Premarc over \$2,700 a year in hydraulic pump replacements alone on one unit. Dave Christy commented that the boom truck was a daily source of headaches, but now he has almost forgotten that it exists.

Thank you to Dave Christy, garage supervisor, Ron Robbins, manager of transportation, and to the local LE lubrication consultant, for providing the information used in this report.



Monolec® is a registered trademark of Lubrication Engineers, Inc.

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

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