

# SINGH'S ENGINEERING WORKS

L.P. 238 MAIN ROAD, LONGDENVILLE, TRINIDAD, W.I.

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SPECIALIST IN: MACHINE SHOP WORKS, HEAVY EQUIPMENT & AUTO REPAIRS.

26 May 1995

Mr. Simon Kelshall  
Third Phase Technology Products  
11, Sinclair Hill  
Diego Martin  
Trinidad, W.I.

Dear Cap:

When you gave me the Militec to try, you said that it seemed to be very good. You were right!

At that time, I was having problems with high oil temperature in my GTU RX7 race car. Basically, the problem was that even with extra large oil coolers, fans, and aerodynamic tricks, the oil could sometimes go past 260°F. Anything over this critical temperature would immediately result in bearing failure and consequential engine damage.

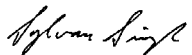
Since using Militec-1, several changes were noticed. The running oil temperature was reduced by about 20°F, yet 260°F was exceeded on several occasions. One time, my son forgot to hook up the electrical fan. The temperature went well over 260°F and an Apex seal broke. That cylinder lost compression and yet the car was out there racing another 2 minutes at high temperature and low compression. We expected the bearing to be eaten up but when we tore down the engine, the bearing was in excellent, like-new condition.

It was suspected that a slight increase in power was noticed, but atmospheric conditions were not logged so the increase of 200 or so RPM at the end of the straight observed cannot be conclusively attributed to changes due to Militec-1.

Since using Militec-1 for over a year now, the car has raced a lot, including several back to back sprint events. There have been no mechanical failures. Historically, pre-Militec-1, there would have been several bearing failures due to overheated oil.

We use a Saenz gearbox from Argentina in the RX7. When we are over 9,000 RPM, the gear shift gets extremely hot. With Militec-1, we have noticed that it no longer gets so hot. I estimate the temperature to be about 20°F lower than it was before we used Militec-1. Thank you for getting me started with Militec-1.

Yours faithfully,

  
Sylvan Singh