

# *Autotran*

The following is a test that was conducted at Autotran Swather in Loreburn, Saskatchewan.

We have built a test machine that would enable us to control the flow of the oil at different operating pressures that hydraulic pumps are subjected to. The oil capacity of our machine is 75 liters and the oil being used is a Donax T.D.

We first ran the machine at 18 gal. per. minute with 300 lbs. pressure then monitored the temp. until it peaked at 109 C. or 228 F.

Power Up was then added at a rate of 4% the temp. dropped to 105.7 C. or 222 F. and the gal. per. minute had increased to 18.5, during the course of the test the outside temp. increased from 70 F. to 77 F. thus bringing the total temp. drop to 13 F.

We then increased the pressure to 1000 lbs. raising the temp. To 126 C. or 258 F. to check the flow loss at high temp., prior to the use of Power Up we were experiencing a considerable drop, with Power Up in it only dropped about 2 gal. Per minute.

We at Autotran feel that Power Up will enable our machines to run cooler with more power in hot conditions.

We are recommending the use of Power Up to all our customers.

Yours Truly,

