

# **CITY OF BRAMPTON**

## **INDEPENDENT STUDY**



During the summer of 2002, the City of Brampton ran an independent study to determine whether Molyslip E Oil Supplement would actually fulfill claims of improved performance and increased mileage. These are the specifics of that study:

### **Test Conditions:**

|                       |  |
|-----------------------|--|
| Vehicles Used:        | Two Chevrolet S10 Pick-Up Trucks                   |
| Oil Change Intervals: | Every 5,000 kms                                    |
| Working Conditions:   | Short trips, long idling time, round the clock use |
| Avg. Annual km:       | 100,000 km   |
| Avg. Fuel Mileage:    | 14.5 mpg (19.5L/100km)                             |

### **Test Procedure:**

300mL of Molyslip E added to oil  
Continued city use

### **Results:**

**Annual Net Savings : \$1,112 per vehicle**

A fleet of 9 vehicles has the potential to **save over \$10,000 per year**  
A fleet of 36 vehicles has the potential to **save over \$40,000 per year**

### **Details:**

**Fuel mileage increased 9.0% (from 14.5 to 15.8 miles/gal.)**

The savings in fuel costs were 8.7% (from 19.5L/100 km to 17.8L/100 km)

|                                      |   |
|--------------------------------------|---|
| Fuel used (before adding Molyslip) : | $100,000 \text{ km} \times 19.5\text{L}/100 \text{ km} = 19,500\text{L}/\text{yr}$            |
| Cost of fuel used :                  | $19,500\text{L}/\text{yr} \times 0.75\text{¢}/\text{L} = \$14,625/\text{yr}$                  |
| Fuel savings with Molyslip :         | $\$14,625/\text{yr} \times 8.7\% = \$1,272$   |
| Cost of Molyslip :                   | $20 \text{ oil changes}/\text{yr} \times 6\text{L} \times \$8/300\text{mL} = \$160/\text{yr}$ |
| Net Savings :                        | $\$1,272 - \$160 = \$1,112$   |