



# HY-PER-LUBE CORPORATION

HIGH PERFORMANCE PRODUCTS FOR OVER 50 YEARS

## TEMPERATURE REDUCTION TEST RESULTS

<u>Coolant Mixture</u>	<u>Average Stabilized Temperature (degrees F.)</u>
50% Glycol / 50% Water	232
50/50 Mix + Hy-per Lube Super Coolant	224
50/50 Mix + Water Wetter	226
50/50 Mix + ProBlend 40 Below	230
Straight Water	218
Water + Hy-per Lube Super Coolant	202
Water + Water Wetter	207
Water + ProBlend 40 Below	205

## CORROSION TEST RESULTS

### ASTM D4340

The products tested in this summary were added to straight-water coolant at the manufacturer's recommended dosage as a means of testing rates of corrosion. A weight loss of less than 1.0 mg/cm<sup>2</sup>/week constitutes a "pass." The following results were observed, during separate test sessions, performed on separate dates, for the following different automotive coolant additive products:

<u>Product</u>	<u>Weight Loss (mg/cm<sup>2</sup>/week)</u>
Hy-per Lube Super Coolant	0.14
Redline Water Wetter	0.21
ProBlend 40Below (1 unit added)	3.81

ProBlend 40Below failed ASTM D4340, so it did not progress to the D1384

### ASTM D1384 Corrosion Test Results

	<u>Maximum Corrosion Weight Loss to Pass ASTM-D1384</u>	<u>Hy-Per Lube Super Coolant</u>	<u>Redline Water Wetter</u>
Copper	10 (mg)	1 (mg)	4 (mg)
Solder	30	3	8
Brass	10	1	5
Steel	10	0	3
Cast Iron	10	1	4
Aluminum	30	2	22