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Subject: Duracool® A/C Oil Chill™ Duracool 502a™ Refrigerant

As an approved re-builder and service facility for OEM equipment, with eight locations throughout the North Central United States we were skeptical of the claims made by your representative from Muell Refrigeration with respect to "Duracool® A/C Oil Chill™ ". In short his claim that "Duracool® A/C Oil Chill™ " was the only refrigerant oil that we needed seemed just too good to be true.

As a result of Elmer's Muell's persistence and claims we eventually did agree to test the products in a Thermo King Reefer that had been completely rebuilt by our service department. Before the change over from R-502 Refrigerant and ester oil we diligently recorded compressor operating temperatures and measured pressures.

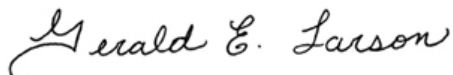
Upon completion of the change over to Duracool 502a™ Refrigerant and Duracool® A/C Oil Chill™ we measured and recorded our findings to determine if any benefits had been achieved.

The results we obtained were astonishing to say the least as all of the claims made with regards to Duracool® A/C Solutions became instantly evident. Our testing revealed that head pressure had been reduced to 275 psi (from 375 psi – 380 psi), outlet vent temperatures were dramatically lowered, and the compressor body operating temperatures was reduced to 156°F. (from 200°F - 209°F). The combination of Duracool A/C Oil Chill™ and Duracool 502a Refrigerant performed beyond our expectations.

Based on our testing and the superior performance of these Duracool A/C Solutions we are now recommending their use to all of our customers. The majority of the reefers that we repair and rebuild are now being put back into service with this combination of Duracool 502a™ Refrigerant and Duracool® A/C Oil Chill™. The long-term advantages are obvious, as the decreased compressor loads result in both lower operating costs, and an increase in the life expectancy of the equipment.

The original unit that we repaired and tested has continued to perform flawlessly since our Technician's returned it to service. As a result of these findings we have approved these products for use in all of our service locations.

Gerald E. Larson



Refrigeration and Air- Conditioning  
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