

NEW PRODUCT BULLETIN



THERMAL DYNAMICS
A THERMADYNE Company

DATE: June 1, 2004

SUBJECT: Coolant Change – New Propylene Glycol Coolant Mixtures

Dear Customer,

Effective July 1, 2004, Thermal Dynamics is replacing all Ethylene Glycol (EG) based coolants with a new Propylene Glycol (PG) based coolant which is more environmentally-friendly. The following products are affected by this:

7-2850 Standard Coolant, 7-2959 Super Coolant, and 7-2853 Coolant Concentrate.

Propylene Glycol (PG) Coolant Mixture Technical Information:

All Thermal Dynamics genuine torch coolant mixtures are specifically designed to provide a cooling medium and electrical protection for plasma cutting and welding torches. Any water cooled torch that incorporates a DC current pilot arc could potentially suffer severe internal damage due to electrolysis if the coolant ever becomes electrically conductive.

Thermal Dynamics uses de-ionized water with a resistance value of .4 megohm/cm or greater to inhibit it from carrying an electrical current. Then various percentages of Propylene Glycol are added to the de-ionized water, increasing the freezing resistance of the coolant.

The new PG Coolants are colored **"RED"** to simplify identification and make it easy to see the coolant level in the reservoir.

Each PG-Coolant mixture is shipped in 2-container packs. Coolant is priced by the gallon - minimum 2 gal. purchase.



Ordering Information:

Current Product	Replaced by New Product	Cat No.	Description	Specifications	Coolant Color
7-2850 EG 75/25	<i>Extra Cool™</i>	7-3580	<i>This is a coolant mixture that resists freezing down to +10°F (-12°C). Contains special corrosion inhibitors to protect copper surfaces in the coolant loop.</i>	+10°F (-12°C) (minimum temperature)	RED
7-2959 EG 50/50	<i>Ultra Cool™</i>	7-3581	<i>This torch coolant is a mixture that resists freezing down to -27°F (-33°C). Contains special corrosion inhibitors to protect copper surfaces in the coolant loop.</i>	-27°F (-33°C) (minimum temperature)	RED
7-2853 EG Concentrate	<i>Extreme Cool™</i>	7-3582	<i>This coolant is in concentrate form and is designed to be mixed with 7-3583 De-I Cool by the customer. Resists freezing down to -65°F (-51°C) in concentrated form.</i>	-65°F (-51°C) (minimum temperature)	RED

For more information contact:

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