

NEW PRODUCT BULLETIN



THERMAL DYNAMICS
A THERMADYNE Company

DATE: December 1, 2004

SUBJECT: Coolant Change – New Propylene Glycol Coolant Mixtures

Thermal Dynamics® now offers a new Propylene Glycol (PG) based mixture coolant which is easier to use and more environmentally friendly.

These three Ethylene Glycol (EG) based coolant mixtures have been replaced with new PG coolant mixtures:

1. 7-2850 Standard Coolant
2. 7-2959 Super Coolant
3. 7-2853 Coolant Concentrate

Our new Genuine Torch Coolants are specially formulated using de-ionized water, and have a resistance value of .4 megohm/cm or greater to prevent the coolant from carrying an electrical current. If the coolant were to become electrically conductive, a liquid-cooled torch could potentially suffer severe internal damage due to electrolysis.

All coolant mixtures are designed to provide customers with cooling mediums and electrical protection specifically for plasma arc cutting or plasma arc welding torches.

Various percentages of propylene glycol are added to the de-ionized water to prevent freezing of the coolant. The propylene glycol replaces ethylene glycol and is easier to handle and dispose of.

Description	Mix	Condition	Cat. No.	
Extra Cool™	70/30 Coolant Mixture	safe to +10°F (-12°C)	7-3580	
Ultra Cool™	50/50 Coolant Mixture	safe to -27°F (-33°C)	7-3581	
Extreme Cool™	Coolant Concentrate	safe to -65°F (-51°C)	7-3582	

The new PG Coolants have been colored RED so it is easier to:

- identify **Genuine** coolant on the shelf.
- identify **Genuine** coolant in the coolant reservoir.
- determine the coolant level in the reservoir.
- determine the coolant level left in a container.

All PG Coolant mixtures are now shipped in 2- container packs. The coolant is priced by the gallon – minimum 2 gallon purchase.

Note: PG coolant may be mixed with the EG coolant. For disposal purposes, this mixture needs to be treated as an EG coolant mixture.

For more information contact:

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