



PRODUCT PROFILE

Zebra® pH Strips Eliminate Coolant Issues



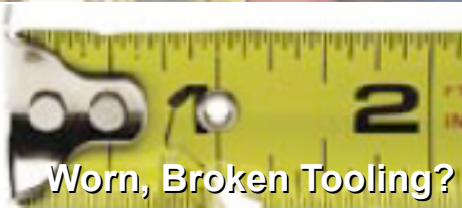
Smelly Sump?



Itchy, Red Hands?



Splitting Coolant?



Worn, Broken Tooling?



Rusty Machine & Parts?

What Is pH?

pH, as it applies to coolant, is the amount of acids that are in the fluid (lowering the pH). And, since coolant operates within a certain pH range (usually 8-10pH), it is important to check it and keep it within its range. If outside its range, but quickly corrected, you will prevent the problems you answered YES to.

What Affects Coolant's pH?

Bacterial contamination-it's that simple. They are everywhere, and slip into your sump via the water supply, material you run, the operator's skin, and a host of other sources. Once settled in, they feed off coolant, tramp oil, and accumulated chips. If good coolant maintenance practices are in place, pH stays in the zone, and problems related to pH are reduced.

What Maintenance Practices Will Prevent pH Issues?

- Hold correct fluid concentrations, pH, and water hardness levels (the fluid chemistry is fundamental)
- Skim off tramp oil every day the machine is used (bacteria feed off oil and the by product is acid, which lowers pH)
- Aerate or circulate the fluid when the coolant pump is shut down (bacteria hate oxygen, so the more the better)
- Regularly remove chips from the sump (bacteria love to live in chip piles and feed off them too)



Why Use Zebra pH Strips?

Zebra's pH Strips offer the accuracy range for coolant use and are hard to find elsewhere. They are quick and easy to use, making it simple to monitor the pH of each sump weekly.

Contact your preferred Zebra distributor to order today. At less than 50¢ a strip, they will save many, many \$\$\$!

	Part Number	Range	Accuracy	Per Box
pH Testing Strips	XPHPS09	6.5-10.0 pH	± 0.2 pH	100 strips