

**Table 3.4.2 L: Assessment Summary Alternatives for Lead Wheel Weights**

Assessment Criteria		Lead (Reference)	Comparison Relative to Lead			
			Copper	Steel	Tin	Zinc
Technical/ Performance Criteria	Density	11.34 g/cm <sup>3</sup>	-	-	-	-
	Malleability	Good	=	-	=	-
	Corrosion Resistance (with coating)	Good	=	=	+ (coating not required)	=
Environmental Criteria	Primary Drinking Water Standards (MCL Action Level)	15 g/l	+	+ (iron)	+ (FL & MN)	?
	Aquatic Toxicity: Water Quality Criteria (CMC)					
	Freshwater Saltwater	65 g/L 210 g/L	- -	+ (iron) ?	? ?	+ -
Human Health Criteria	Carcinogenicity	EPA B2 IARC 2B	+	+	+	+
	Developmental Toxicity	Yes (Prop 65)	+	+	+	+
	Occupational Exposure: REL (8-hour TWA)	0.050 mg/m <sup>3</sup>	+	+	+	+
Cost	Price per weight (coated, ¼ – 2 oz)	\$0.25 - \$0.43	-	= / +	-	=
	Available in clip-on & adhesive styles	Yes	-	=	-	=
	End-of-Life Cost (Auto Shredder)	Average	+	+	+	+

<b>COMPARISON KEY</b>					
+	Better	=	Similar	-	Worse
?	Unknown				