

<b>Rubber (R) and Steel* (S) Tire Hourly Operating Costs in \$ USD of 2016</b>			CAT 797F
<b>Compared per Hauling Trucks in 10 Year (USA Copper Mines Example)</b>			59/80R63
*Air Suspension Wheel (ASW) by Global Air Cylinder Wheels (GACW)			594763
	<b>Inflated</b>	<b>Suspension</b>	<b>Ratio</b>
	<b>Rubber</b>	<b>Steel</b>	<b>(S/R)</b>
Number of tires per truck (1)	6	6	100%
Truck life cycle time (hrs.)	87,600	87,600	100%
10-year tire life cycle interval (hrs.)	67,014	87,600	131%
<b>10-year utilized tire working hours (hrs.)</b>	<b>51,266</b>	<b>67,014</b>	<b>131%</b>
Downtime production loss** (\$/hr)	3,250	3,250	100%
** in Arizona at \$ 0.5-profit/lb-ore at \$ 2.25/lb Cu price at 2:1 strip ratio with 0.5%/ton ore			
<b>Tire life time (hrs.)</b>	<b>6,701</b>	<b>87,600</b>	<b>1307%</b>
<b>Number of tire changes in 10 years (1)</b>	<b>13</b>	<b>1</b>	<b>8%</b>
Tire net unit price FOB manufacturer (\$)	50,000	300,000	600%
Tire effective unit cost multiplier*** (1)	2.5	1.5	60%
*** covers shipping, tire management program, facilities with labor and equipment			
Effective on-site tire unit cost (\$)	125,000	450,000	360%
<b>Tire cost in 10 years (\$/truck)</b>	<b>9,803,922</b>	<b>2,700,000</b>	<b>28%</b>
<b>Tire cost savings in 10 years (\$/truck)</b>	<b>None</b>	<b>7,103,922</b>	<b>72%</b>
<b>Operated on-site tire cost (\$/hr)</b>	<b>32</b>	<b>7</b>	<b>21%</b>
<b>Savings on operated on-site tire cost (\$/hr)</b>	<b>None</b>	<b>25</b>	<b>79%</b>
Retreading and resealing cost (\$/hr)	0	3	
Contingency cost per truck (\$/hr)	0.5	0	
Cost of tire changes (\$/hr)	8.0	0.4	5%
<b>Overall tire cost (\$/hr)</b>	<b>40</b>	<b>10</b>	<b>25%</b>
<b>Savings on overall tire expenses (\$/hr)</b>	<b>None</b>	<b>30</b>	<b>75%</b>

