TPC September/October 2023 Survey Summary

We recently completed our monthly survey (~9,100 respondents) which saw modest improvements in both C3Q’s & C4Q’s outlook. The bookings for C3Q & C4Q also showed slight improvements. Inventory levels for high demand parts was little changed. We continue to believe these results is an indication of the supply chain being at the bottom and inventories are beginning to become normalized. We believe we are slowly coming out of the inventory glut, but it will take 2+ quarters to get back to normal and require end demand to also improve.

The backlog cancellation expectations (slide 7) showed continued sideways movement but remains above the “positive” trend line.

The survey showed C3Q23 slightly improved vs. last month with 43% seeing the quarter being better than C2Q compared to 39% previously; while 19% see it as worse vs. 22% last month.

The survey showed C4Q23 also improved vs. last month with 17% seeing the quarter being better than C3Q compared to 16% previously; while 41% see it as worse vs. 44% last month.

Key product inventory and availability (slide 8) remained roughly the same across all key products and remains at nominal levels.

Both C3Q and C4Q inventory growth outlook trend (slide 9) showed net inventories improving vs. last month.

Pricing trends (slide 10) for both C3Q and C4Q was worse vs. last month’s survey. Again, we think this is indicative of excess inventory and some suppliers lowering pricing to encourage customers to take product.
C4Q23 Outlook

4Q23 Growth Expectations

C4Q Growth Expectations

4Q23 Seasonality Expectations

C4Q Seasonality Expectations
Bookings Outlook

C3Q23 Bookings Expectations

<table>
<thead>
<tr>
<th>Month</th>
<th>Worse than 2Q</th>
<th>Better than 2Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apr</td>
<td>34%</td>
<td>29%</td>
</tr>
<tr>
<td>May</td>
<td>35%</td>
<td>38%</td>
</tr>
<tr>
<td>Jun</td>
<td>36%</td>
<td>31%</td>
</tr>
<tr>
<td>Jul</td>
<td>41%</td>
<td>24%</td>
</tr>
<tr>
<td>Aug</td>
<td>36%</td>
<td>27%</td>
</tr>
<tr>
<td>Sep</td>
<td>39%</td>
<td>25%</td>
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</tbody>
</table>

C3Q Bookings Expectations

2017: Worse than Q2, Better than Q2
2018: Worse than Q2, Better than Q2
2019: Worse than Q2, Better than Q2
2020: Worse than Q2, Better than Q2
2021: Worse than Q2, Better than Q2
2022: Worse than Q2, Better than Q2
2023: Worse than Q2, Better than Q2

4Q23 Bookings Expectations

<table>
<thead>
<tr>
<th>Month</th>
<th>Worse than 3Q</th>
<th>Better than 3Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jul</td>
<td>32%</td>
<td>41%</td>
</tr>
<tr>
<td>Aug</td>
<td>43%</td>
<td>11%</td>
</tr>
<tr>
<td>Sep</td>
<td>16%</td>
<td>13%</td>
</tr>
<tr>
<td>Oct</td>
<td>11%</td>
<td>15%</td>
</tr>
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</table>

C4Q Bookings Expectations

2017: Worse than Q3, Better than Q3
2018: Worse than Q3, Better than Q3
2019: Worse than Q3, Better than Q3
2020: Worse than Q3, Better than Q3
2021: Worse than Q3, Better than Q3
2022: Worse than Q3, Better than Q3
2023: Worse than Q3, Better than Q3
Book to Bill History & Trends (Calendar quarters)

% Responses with Book-Bill ≥ 1.0
Backlog Order Push Outs/Cancellations vs. 30 Days Ago
(Delta between increasing and decreasing cancellations – Higher % is more positive)
Inventory Status

(Using a scale of 1 to 5 with 1 being extremely low inventory, 3 being the normal amount, and 5 being extremely high; how do you view inventory levels for the following products?)

Seeing inventory starting to normalize and come down
Q/Q Inventory Growth

C4Q23 Inventories vs. C3Q23

C3Q23 Inventories vs. C2Q23

Decreasing
Increasing
Q/Q Pricing Trends

C4Q23 Pricing vs. C3Q23

C3Q23 Pricing vs. C2Q23
Vertical Outlook

- Automotive
- Industrial
- Communication
- Consumer

Graph showing trends from Jan'18 to Feb'23.