

Forklifts & CARB Survey

1. Number of Class 1, 2, 4 and 5 forklifts in your rental fleet:

0–15: 60% (9 responses)
16–30: 13% (2 responses)
31–45: 7% (1 response)
46+: 20% (3 responses)

2. Of the number above, how many are Class 1 electric (electric motor rider trucks)?

0–10: 100% (15 responses)
11–30: 0% (0 responses)
31+: 0% (0 responses)

3. How many Class 4 and 5 are gasoline or propane?

0–15: 60% (9 responses)
16–30: 27% (4 responses)
31–45: (2 responses)

4. How many Class 4 and 5 are diesel?

0–15: 80% (12 responses)
16–30: 13% (2 responses)
31–45: 0% (0 responses)
46+: (1 responses)

5. What percentage of your rental contracts are for the following forklift types (mark the range that applies)?

	0–20%	21–35%	36–65%	66+%
Propane or Gasoline	13% (2 responses)	13% (2 responses)	13% (2 responses)	60% (9 responses)
Diesel	50% (6 responses)	17% (2 responses)	17% (2 responses)	17% (2 responses)
Electric	75% (6 responses)	25% (2 responses)	0% (0 responses)	0% (0 responses)

6. Types of Rentals (mark the average percentage range that applies):

	0–15%	16–30%	31–60%	61+%
Construction related	13% (2 responses)	20% (3 responses)	27% (4 responses)	40% (6 responses)
Agriculture related (in field)	73% (8 responses)	18% (2 responses)	9% (1 response)	0% (0 responses)
Agriculture related (first processing)	70% (7 responses)	30% (3 responses)	0% (0 responses)	0% (0 responses)
Warehousing/Third party logistics	17% (2 responses)	33% (4 responses)	42% (5 responses)	8% (1 response)
Events	70% (7 responses)	20% (2 responses)	0% (0 responses)	10% (1 response)
Other	50% (1 response)	50% (1 response)	0% (0 responses)	0% (0 responses)

Explain "Other":

1. Film & Television
2. Home owner
3. Electric contractors' specialized tools

7. What percentage of your rental forklifts are used in the following conditions?

	0–15%	16–30%	31–60%	61+%
Outside	0% (0 responses)	20% (3 responses)	33% (5 responses)	47% (7 responses)
Indoors	14% (2 responses)	43% (6 responses)	36% (5 responses)	7% 1 (response)
On uneven surfaces	15% (2 responses)	31% (4 responses)	31% (4 responses)	23% (3 responses)
On flat surfaces	15% (2 responses)	31% (4 responses)	31% (4 responses)	23% (3 responses)

8. What percentage of your renters are set up with electric forklift charging stations to accept a rental electric forklift?

0–5%: 100% (14 responses)
6–15%: 0% (0 responses)
16–30%: 0% (0 responses)
31+%: 0% (0 responses)

9. How many shifts do your renters typically run the forklifts (mark the range that applies)?

	0–15%	16–30%	31–50%	51+%
1 shift	15% (2 responses)	0% (0 responses)	15% (2 responses)	69% (9 responses)
2 shift	50% (4 responses)	37% (3 responses)	12% (1 response)	0% (0 responses)
2 shift	87% (7 responses)	0% (0 responses)	0% (0 responses)	12% (1 response)

10. How many hours do your renters typically operate rental forklifts in a day?

1–2: 27% (4 responses)

3–6: 60% (9 responses)

7+: 13% (2 responses)

11. How many hours do your rental forklift(s) operate in a year on rent?

<200: 14% (2 responses)

200–500: 29% (4 responses)

500–800: 21% (3 responses)

800–1,000: 21% (3 responses)

> 1,000: 14% (2 responses)

12. If you rent, what is the duration?

1–3 days: 47% (7 responses)

1–2 weeks: 33% (5 responses)

1–2 months: 13% (2 responses)

3 months–1 year: 7% (1 response)

> 1 year: 0% (0 responses)

13. How long (years) do you normally keep your forklift(s)?

1–3: 0% (0 responses)

4–6: 13% (2 responses)

7–10: 53% (8 responses)

> 10: 33% (5 responses)

14. List any of your rentals where an electric lift in lieu of a propane forklift would not be feasible for your renters, and explain the reasons why:

1. Every single rental. Power not available on job sites.

2. Construction sites require related rough terrain forklifts. There are no electric truly rough terrain machines produced anywhere.

3. Agriculture – no charging station on site, Construction – no charging station on site, Residential – no charging on site, Truck Weigh Scales – no charging on site.

4. Not very many renters are wired for adequate electrical power to charge. Some customer locations have not power at all. Charging forklifts takes many hours and decreases productivity.

5. Agricultural and logging job sites where there may not be electrical infrastructure to allow recharging of batteries.

6. Almost all event rentals are on locations without available power.

7. In ag application, there is uneven rock base yards and lack of ability to charge any electric vehicles. Our forklift rentals in ag are primarily for harvest and planting, where the forklift is used to load bins or unload trays in staging yards nearest the fields being harvested or planted. Most often there are no improvements on these sites.

8. The distance from where the forklift would be used to where a charging station would be located is further than charge cords are designed to be used. In an instance where a lift battery would be dead, it would require a tow truck to move the lift back to the charger.