NEW YORK—the nationwide gasoline shortage is beginning to affect the cost of maintenance operations from Maine to Florida. It is not viewed as a major problem as yet at most East Coast courses, but growing concerns have been expressed.

Several superintendents have already taken steps to ensure their gasoline needs for the current season. Others have begun to feel the price increase pinch. Still others have had no problems to date other than the occasional inconvenience of a day or two wait for their normal deliveries. There have been few instances of short supply, a kind of rationing on the part of the suppliers when their own reserves have not been replenished quickly enough.

In talking to several superintendents and course representatives, no particular trend covering the entire area (Maine to Florida) seemed to emerge. The shortage and its attendant problems appear to depend on the supplier. Superintendents who purchase their petroleum products from one popular supplier report that they have received repeated assurances they will have all the gasoline they need. Cuts have been made by a couple of other suppliers.

One superintendent in Daly City said that he is lucky because the local distributor for a certain com-
EAST

to be local in nature.

Fred McPheters, professional and superintendent at Kebo Valley GC in Bar Harbor, Maine, said, "We've had no problems whatever. The AAA has told us there should be no problem with the gasoline shortage in Maine this year."

Pierre "Pete" Coste, superintendent at famed The Country Club in Brookline, Mass., says, "We'll be all right this summer. We were dry a day or two when a regular delivery failed to appear recently and once we got only 150 gallons in our 500 gallon tank. Our delivery service handles commercial accounts, so I guess we're not considered high priority." Coste reported no price increase had been levied.

Before The Country Club closes their main 18 holes in mid-November Coste will average 240 gallons usage a week as opposed to 230 last year. The nine hole layout remains open all year, weather permitting. Using jeeps for snow plowing and clearing the pond for ice skating as well as dump trucks

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dents reported that they had been assessed a $.02 increase in May or June, while in some cases discounts amounting to roughly 10 per cent had been withdrawn. Because most vehicles used in course maintenance aren't driven on highways, country and golf clubs are entitled to what is known as an agricultural rebate, which amounts to $.075 a gallon.

In Illinois, the rebate is made quarterly, and application for the refund has to be made.

One Southside supplier, which includes a half dozen clubs among its gas customers, has all of its accounts on an allocation status, based on 1972 deliveries. Most other bulk supply firms operate on a similar arrangement. For 1974, this company has been informed by its refiner supplier that it will get about 4 per cent more gas than it has been allotted this year. Thus, it will be able to service its present accounts, although there is little likelihood that it will be able to take on new business.

When rumors of a gasoline shor-

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t company is a member of his club. "We're not expecting any shortages," he asserted.

Another superintendent in the San Francisco Bay Area complained of reduced quantity in each of his last three deliveries. His tank holds 500 gallons and he has received 300, 150 and 200 the last three times.

"On a few occasions," he said, "we've had to run downtown for a couple of cans of gas at the corner service station just to finish mowing." He said formerly that a fill-up every two weeks was enough, "but now we're calling every week because it may be a week before the truck shows up." He averages about 1,000 gallons a month, with heaviest use in the long summer days.

In the Los Angeles area, one superintendent said he received only 94 per cent of his normal usage since May 1. He buys from a different supplier than the one mentioned previously, and said other superintendents buying from

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for spreading sand will account for 75 to 80 gallons a week this winter.

Although supplies have been at average levels, Coste added a somber note when he talked about quality. "We've had poor performance from our gasoline on occasion. The quality levels seem lower, perhaps some additives are being left out. Poor starting and continued combustion after shutting off the engines has been troublesome."

A spokesman for a major oil company, who declined to be named or have the company identified, commented on the question raised by Coste's findings at The Country Club.

"I know of no oil company cutting down on quality. The industry is under attack constantly these days. As you must be aware we're even having trouble convincing everyone of the reality of the shortage, which we have warned about for some time. In certain parts of the country there are acute shortages. In other areas, enforced rationing. Golf course operators will have to bear the burden along with all other gasoline users." Executives at other oil companies were not reachable for comments on the potential problems faced by golf course maintenance fleet fuel shortages.

Robert Feindt, superintendent at the Country Club of Rochester (N.Y.) is on a quota system based on 1972 usage. Although this assures steady delivery it could also become a problem, according to Feindt. "Last year we had a light September, which could cause us a problem this September, because our monthly quota of gasoline is based on 1972's consumption. If we went into any construction it would have been alleviated within his own club, because several of his members are in the fuel supply business. Many other superintendents, fortunately, are in the same position.

A second way of coping with possible shortages would have been to cut back on maintenance programs. Several superintendents did this, just in case, and now are going along with the new routine. For example, Bruce Burchfield of Calumet CC reduced tee mowing from three or four times a week to two or three times and eliminated one weekly pass over the fairways with the mowers. He justifies the curtailed schedule, as do other superintendents, by reminding members, if they ask, that the gas situation even now could become critical in the Midwest, as it has farther west.

"Actually," said Burchfield, "very few members would ever notice that you've cut back on maintenance, unless it's on the greens. It's only a finicky few who would detect it. With these people you have to point out the facts of life."

If a real emergency arose, superintendents figure they could get by with one less vehicle or two, if they absolutely had to. As it is now, most 18-hole courses use an average of eight vehicles, including tractors and utility cars, in addition to mowers. Over-all gas consumption is probably more directly proportional to course acreage than to the number of vehicles in operation, although the frequency of mowing has to be figured in there somewhere.

Weather also is a factor, because mowing frequency is closely tied to it. Because these several factors offer some alternatives, superintendents reason that they can find a way out if a gas pinch ever became unusually severe. It wouldn't be easy, but it could be done.

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his supplier have told him of similar cuts.

"We've had to supplement by taking cans to the service station," he said. "We were lucky enough to find one out-of-the-way station that filled three 50-gallon drums for us. The main loss has been in the time required to stop the equipment and go after gasoline. It's a real nuisance." He uses about 1,000 gallons a month also.

Another Los Angeles area superintendent said that his supplier is living up to his contract, which calls for deliveries as necessary on a "keep full" basis.

"But the price keeps going up," he said. "When we switched to our current supplier about a year ago, the price was about 27 cents a gallon, and now it's over 31 cents." He's another 1,000 gallon a month customer. He has budgeted $4,000 for gas, oil and lubricants for the '73 to '74 fiscal year, the same as '72 to '73, when he spent less than $3,000, so he feels comfortable.

None of the superintendents interviewed by GOLFDOM could think of ways to fight gasoline cutbacks, but they all agreed this is no time to switch. All who have inquired about changing suppliers have been refused; the suppliers simply won't accept new customers.

One of the enterprising ones has talked to others who are thinking about converting their equipment to propane (liquefied petroleum) if the gasoline hoses run any drier. "The rule of thumb is that a year's operation saves the cost of converting the engine to propane," he said, "and we expect our tractors and other equipment to run longer than that." He said that propane users report no oil dilution and no contamination of the oil by carbon and no smog control devises are required. "I'd prefer it over diesel by a long way," he said.

Natural gas is not considered a practical alternative in California.

One superintendent in San Mateo said that he is getting all the gasoline he needs and has been working extra long hours to catch up with work that couldn't be done during the rainy spring.

"Everybody we've talked to is getting plenty of gas," he said.

That's why it can't be reported with certainty that a gasoline shortage exists—at least here in California.