that of cooling the lubricating oil. The only means for cooling the lubricating oil in a unit of this kind (a rebuilt truck engine) was the splash pan at the bottom of the engine. Operating in a truck, the flow of air by the pan of the engine is sufficient to keep the lubricating oil cool, but as a stationary installation there was no cooling effect other than the direct radiation from the pan, which proved insufficient.

To correct this a cooler was developed, using a coil of ½-in. copper tubing, installed inside of a piece of 6-in. pipe 5 ft. long, the ends closed with flanges, and water from the unit circulated through this cooler, the oil from the engine being pumped through the cooler by means of the oil pump installed on the engine.

This has proved very satisfactory and keeps the lubricating oil temperature down to a point where it gives no trouble even under the severe conditions under which the engine operates.

The unit has been operating during temperatures that range as high as 116 degrees in the shade. The butane consumption is, on the average, about 2½ gal. per hour, at a cost of .07¢ per gallon and under present conditions the unit runs an average of five hours per day, which makes a monthly cost of between $25 to $30 as against $200 to $250 for electric power.

The unit, as equipped, is entirely automatic and is taken care of by one man, who does all the sprinkling.

Clubs Event That Increases Play and Pro Business

GEORGE JACOBUS does one of the best jobs that's done of running a first class club’s pro department. This, in addition to his duties as PGA president which take up early hours of the morning and the late hours of the night.

Here’s a competitive idea George introduced at Ridgewood to the great enjoyment and interest of that club’s members. It’s an ideal event to boost week-day play and should be widely adopted.

The members challenge one another, paying 25¢ into a sweepstakes pool each time one plays a match. A member coming to the club and looking for a game can get one from almost anyone in this manner. He merely enters his name in the tournament, pays the 25¢ and turns in his score. Each member is permitted to do this as many times in a month as he wishes, except that when he has paid a
A SUCCESSFUL greenkeeper says: "Getting radio weather reports in the morning before I shave has helped me form the habit of having the day's work all planned for my men by the time I reach the barn. Threatened weather changes have so much to do with greenkeeping, I think now I'd be lost without the radio reports."

Senior League Popular—Up in Minnesota, the Twin City Senior golf league of ten 6-man teams from clubs around Minneapolis-St. Paul are fighting it out for the fifth season. To be eligible, a player must be over 50 years of age and belong to one of the clubs in the league.

Ten meetings are held during the season, once at each club, and each team meeting every other team once. Play is on match basis, with 2 points for each man a player defeats and 1 point for ties. Expenses are covered by a 75c fee per total of $1.00 into the pool he continues to play without paying. In other words, $1.00 is the maximum amount anyone can pay into the pool.

The total pool money is divided at the end of the month for prizes of golf merchandise. It is divided, 40, 30, 20 and 10%. The man who plays most often has the greatest chance of winning, of course. The player with the lowest net score, allowing % of the medal play handicap, is the winner. (Lowest net score during month.)

This can also be conducted over a weekend and the medal score of a player in the regular week-end tournament can be used. Of course, the sum paid in the pool can be increased or the limit can be raised, but I believe the dollar limit will prove the most popular with the average club member. Then too, the prize money can be divided into eight prizes instead of four.

This is similar to a ringer tournament, but it is played monthly and scores are for eighteen holes. However, the holes cannot be selected. The score must be for a complete round.

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