



Hydro oil Chart

| Brand of Mower | Type of Drive | Grade of Oil |
|------------------------|--|--|
| Scag | Hydro Pump/Wheel Motor | 20w50 Multi Weight – w/Zinc |
| Scag | Hydro Transaxles | 20w50 Multi Weight – w/Zinc |
| | | |
| Exmark | Hydro Pump/Wheel Motor (older drives) | Exmark Hydro Oil *(NOT Mobil 1 anymore) |
| Exmark | Unitized Drives | Exmark Hydro Oil *(NOT Mobil 1 anymore) |
| Exmark Radius & Quest | Unitized Drives | Exmark Hydro Oil |
| | | |
| Toro Commercial L.C.E | Hydro Pump/Wheel Motor (older drives) | Toro Hydro Oil *(NOT Mobil 1 anymore) |
| Toro Commercial L.C.E | Unitized Drives | Toro Hydro Oil *(NOT Mobil 1 anymore) |
| Toro Titan Series | Unitized Drives | Toro Hydro Oil |
| Toro Timecutter Series | Unitized Drives | Toro Hydro oil (if serviceable) |
| | | |
| Simplicity Champion | Hydro Pump/Wheel Motor | 20w50 Multi Weight |
| Simplicity Courier | Unitized Drives | Hydro drive oil (if serviceable) |

Standard or Synthetic Oil?

There is always the question, regular oil or synthetic oil, which is correct? It comes down to a duration issue, because a 20w50 in either standard oil or synthetic oil has the same viscosity and lubricating value. The difference is how long the oils lubricate properly for, so when the regular oil starts to break down, the synthetic oil stays lubricating properly. Example: In a hydro drive, standard motor oil will start breaking down and not lubricating as well in a 150-200 hours, and the synthetic oil will not break down until around 450-500 hours. This allows a commercial cutter to change hydro oils yearly instead of having to do it two to three times a year, and not having to worry about the oil breaking down. The most important ingredient in hydro oils is Zinc, so make sure whichever oil you use is not automotive engine oil as it WILL NOT have Zinc in it. Use a small engine oil for standard oil, and a hydro drive oil for a synthetic. Gano's offers a full line of Small engine oils with Zinc, as well as Amsoil, Exmark & Toro Synthetic oils

*Why not Mobil 1 anymore? Whether your older manual says to use Mobil 1 in your hydro pump or not, NO longer do so! Mobil 1 took Zinc out of it's oil to meet engine emissions, but Zinc is the lubricator needed in hydro pumps. Use Exmark, Toro, or Amsoil synthetic oils now in place of any Mobil 1.