

How much oil flow does my tractor need?

Ground Drive Spreader (hydraulic spinners)	
I want to drive at 1200 engine rpm	Your tractor needs 140 lpm
I want to drive at 1400 engine rpm	Your tractor needs 120 lpm
I want to drive at 1600 engine rpm	Your tractor needs 110 lpm

Hydraulic Drive Spreader (1 tractor remote - 2 hoses)	
I want to drive at 1200 engine rpm	Your tractor needs 140 lpm
I want to drive at 1400 engine rpm	Your tractor needs 120 lpm
I want to drive at 1600 engine rpm	Your tractor needs 110 lpm

Hydraulic Drive Spreader (2 tractor remotes - 4 hoses)	
I want to drive at 1200 engine rpm	Your tractor needs 200 lpm
I want to drive at 1400 engine rpm	Your tractor needs 170 lpm
I want to drive at 1600 engine rpm	Your tractor needs 150 lpm

Important Info

- Tractors can rob oil flow during spreading, so you need a bigger pump (steering, suspension, hitch etc)
- Your pump spec is at 2100 engine rpm
- Under 2100 rpm the flow is less

Minimum flow requirements

Warning: Pump spec IS NOT the oil flow at the remotes (the flow is less at the remotes)

Ground Drive Spreader (hydraulic spinners)

- 75 lpm at the spinners gives 900 rpm

Hydraulic Drive Spreader (1 tractor remote - 2 hoses)

- 75 lpm at the spinners gives 900 rpm
- Spinner return oil runs the belt
- 75 lpm for belt and spinners

Hydraulic Drive Spreader (2 tractor remotes - 4 hoses)

- 75 lpm at the spinners gives 900 rpm
- 45 lpm minimum at the belt (55 lpm max)
- 120 lpm for belt and spinners