



# PRODUCT APPLICATION

Component	NNL 690	NNL 690G	HydraMaxx
Gasoline Engines	🔴 3-5%	✅ 3-5%	❌
Diesel Engines	🔴 3-5%	✅ 3-5%	❌
Engines requiring Low-Ash / Ashless Oil	❌	🔴 3-5%	❌
Small, air cooled two-stroke engines*	✅ 3-5%	🔴 3-5%	❌
Small, water cooled two-stroke engines	❌	🔴 3-5%	❌
Automatic Transmissions**	✅ 1%	✅ 1%	🔴 1%
Standard Trans. using EP Gear oil	❌	🔴 5%	❌
Standard Trans. using ATF	✅ 5%	🔴 5%	✅ 5%
Standard Trans. using engine oil	❌	🔴 5%	❌
Diff's/Transfer cases using EP Gear oil	❌	🔴 5%	❌
Diff's/Transfer cases using ATF	✅ 5%	🔴 5%	✅ 5%
Limited Slip Diff's*** (NO Friction Modifier)	❌	🔴 3-5%	❌
Power Steering Pumps	✅ 5%	✅ 5%	🔴 5%
Gear Drives (w/EP Gear Oil)	❌	🔴 5%	❌
Hydrostatic Drives	✅ 5%	✅ 5%	🔴 5%
Powershift trans.	❌	✅ 3-5%	🔴 3-5%
Ag-tractor TDH systems	❌	✅ 5%	🔴 5%
Hydraulic Systems	✅ 5%	✅ 5%	🔴 5%
Compressors	✅ 5%	✅ 5%	🔴 5%
Hydraulics/Compressors with water separators	❌	❌	🔴 5%

## APPLICATION CHART LEGEND

- 🔴 = RECOMMENDED
- ✅ = ACCEPTABLE SUBSTITUTE
- ❌ = NOT RECOMMENDED

1% = 10ml/Litre (1.3oz/gal)

3% = 30ml/Litre (3.8oz/gal)

5% = 50ml/Litre (6.4oz/gal)

\* Many 2-stroke engines require low-ash or ashless oils. In these NNL 690G should be used.

\*\* HydraMaxx can be added at 1% to Allison B series automatic transmissions for four buses

\*\*\* Use NNL690G in place of friction modifier

NNL690G - Standard Transmissions (except synchromesh at 3% rates)