



MACK

TRANSMISSIONS



Short Compound Transmission



T306G Transmission



Long Compound Transmission

MODEL	SPD	TORQUE RATING LB.FT. [N-m]	OVER ALL RATIO	REVERSE RATIO	FORWARD RATIOS & % STEP																		OIL CAP. PTS. [L]	PTO SPEED % OF ENGINE RPM
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
T306G	6	1700 [2 305]	10.5	8.84	7.50	4.08 84%	2.41 69%	1.50 61%	1.00 50%	0.71 41%	-	-	-	-	-	-	-	-	-	-	20 [9.46]	MAIN, LH/RH 70%		
TM308	8	1700 [2 305]	24.96	LO -18.36 HI - 6.79	17.77	10.94 62%	6.57 67%	4.05 62%	2.54 59%	1.57 62%	1.00 57%	0.71 41%	-	-	-	-	-	-	-	-	24 [11.36]	MAIN, LH/RH 70%		
TM308M	8	1700 [2 305]	24.96	1 - 15.59 2 - 9.60 3 - 6.02 4 - 3.73 5 - 2.37 6 - 1.69	17.77	10.94 62%	6.57 67%	4.05 62%	2.54 59%	1.57 62%	1.00 57%	0.71 41%	-	-	-	-	-	-	-	-	30 [14.20]	MAIN, LH/RH 70% COMP'D., LH/RH 1ST: -9.3% 2ND: -15.1% 3RD: -24.1% 4TH: -38.9% 5TH: -61.2% 6TH: -86.0% 1ST REV: 10.6% 2ND REV: 17.2% 3RD REV: 27.5% 4TH REV: 44.3% 5TH REV: 69.8% 6TH REV: 98.0%		
T309	9	1800 [2 440]	15.79	LO -13.31 HI - 3.52	11.24	7.35 53%	5.25 40%	3.78 39%	2.69 40%	1.94 39%	1.39 40%	1.00 39%	0.71 40%	-	-	-	-	-	-	-	24 [11.36]	MAIN, LH/RH 70%		
T309LR	9	1800 [2 440]	19.29	LO -24.24 HI - 6.41	13.74	7.35 87%	5.25 40%	3.78 39%	2.69 40%	1.94 39%	1.39 40%	1.00 39%	0.71 40%	-	-	-	-	-	-	-	24 [11.36]	MAIN, LH/RH 70%		
TM309	9	1700 [2 305]	35.4	LO -25.67 HI - 6.79	25.21	15.52 62%	9.73 60%	6.57 48%	4.05 62%	2.54 59%	1.57 62%	1.00 57%	0.71 41%	-	-	-	-	-	-	-	24 [11.36]	MAIN, LH/RH 70%		
TM309M	9	1700 [2 305]	35.4	1 - 22.12 2 - 13.62 3 - 8.54 4 - 5.30 5 - 3.36 6 - 2.40	25.21	15.52 62%	9.73 60%	6.57 48%	4.05 62%	2.54 59%	1.57 62%	1.00 57%	0.71 41%	-	-	-	-	-	-	-	30 [14.2]	MAIN, LH/RH 70% COMP'D., LH/RH 1ST: -9.3% 2ND: -15.1% 3RD: -24.1% 4TH: -38.9% 5TH: -61.2% 6TH: -86.0% 1ST REV: 10.6% 2ND REV: 17.2% 3RD REV: 27.5% 4TH REV: 44.3% 5TH REV: 69.8% 6TH REV: 98.0%		
T310	10	1800 [2 440]	19.04	LO -14.73 HI - 2.85	13.81	10.05 37%	7.18 40%	5.17 39%	3.75 38%	2.67 41%	1.94 38%	1.39 40%	1.00 39%	0.73 38%	-	-	-	-	-	-	24 [11.36]	MAIN, LH/RH 70%		
T310M	10	1800 [2 440]	23.77	1 - 15.22 2 - 10.00 3 - 6.54 4 - 4.67 5 - 3.37 6 - 2.44	17.35	11.40 52%	7.45 53%	5.33 40%	3.83 39%	2.78 38%	1.94 43%	1.39 40%	1.00 39%	0.73 37%	-	-	-	-	-	-	30 [14.2]	MAIN, LH/RH 70% COMP'D., LH/RH LO LO: -13.5% LO: -20.6% 1ST: -31.5% 2ND: -44.1% 3RD: -61.2% 4TH: -84.4% LO LO REV: -15.4% LO REV: 23.5% 1ST REV: 35.9% 2ND REV: 50.2% 3RD REV: 69.8% 4TH REV: 96.2%		

MODEL	SPD	TORQUE RATING LB.FT. [N-m]	OVER ALL RATIO	REVERSE RATIO	FORWARD RATIOS & % STEP																		OIL CAP. PTS. [L]	PTO SPEED % OF ENGINE RPM	
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
T310ME	10	1800 [2 440]	23.77	1 - 15.22 2 - 10.00 3 - 6.54 4 - 4.67 5 - 3.37 6 - 2.44	17.35	11.40 52%	7.45 53%	5.33 40%	3.83 39%	2.78 38%	1.94 43%	1.39 40%	1.00 39%	0.73 37%	-	-	-	-	-	-	-	-	-	30 [14.20]	MAIN, LH/RH 70% COMP'D., LH/RH LO LO: -13.5% LO: -20.6% 1ST: -31.5% 2ND: -44.1% 3RD: -61.2% 4TH: -84.4% LO LO REV: -15.4% LO REV: 23.5% 1ST REV: 35.9% 2ND REV: 50.2% 3RD REV: 69.8% 4TH REV: 96.2%
T310ME21		2100 [2 840]																							
T310MLR	10	1800 [2 440]	38.46	1 - 23.96 2 - 12.22 3 - 6.54 4 - 4.67 5 - 3.37 6 - 2.40	27.30	13.90 96%	7.45 87%	5.33 40%	3.83 39%	2.73 40%	1.94 41%	1.39 40%	1.00 39%	0.71 41%	-	-	-	-	-	-	-	-	-	30 [14.20]	MAIN, LH/RH 70% COMP'D., LH/RH LO LO: -8.1% LO: -16.9% 1ST: -31.5% 2ND: -44.1% 3RD: -61.2% 4TH: -86.0% LO LO REV: -9.8% LO REV: 19.2% 1ST REV: 35.9% 2ND REV: 50.2% 3RD REV: 69.8% 4TH REV: 98.0%
T313	13	1800 [2 440]	18.93	LO -15.91 HI - 3.52	13.44	8.78 53%	6.28 40%	4.52 39%	3.22 40%	2.29 41%	1.94 18%	1.64 18%	1.39 18%	1.18 18%	1.00 18%	0.84 19%	0.71 18%	-	-	-	-	-	-	30 [14.20]	MAIN, LH/RH 70% COMP'D., LH/RH LO: -17.5% 1ST: -26.7% 2ND: -37.4% 3RD: -51.9% 4TH: -72.9% REV: 14.8%
T31321		2100 [2 840]																							
T313LR	13	1800 [2 440]	23.13	LO -28.98 HI - 6.41	16.42	8.78 87%	6.28 40%	4.52 39%	3.22 40%	2.29 41%	1.94 18%	1.64 18%	1.39 18%	1.18 18%	1.00 18%	0.84 19%	0.71 18%	-	-	-	-	-	-	30 [14.20]	MAIN, LH/RH 70% COMP'D., LH/RH LO: -14.3% 1ST: -26.7% 2ND: -37.4% 3RD: -51.9% 4TH: -72.9% REV: 8.1%
T313LR		2100 [2 840]																							
T318	18	1800 [2 440]	18.93	1 - 15.91 2 - 13.49 3 - 3.52	13.44	11.40 18%	8.78 30%	7.45 18%	6.28 19%	5.33 18%	4.52 18%	3.83 18%	3.22 19%	2.73 18%	2.29 19%	1.94 18%	1.64 18%	1.39 18%	1.18 18%	1.00 18%	0.84 19%	0.71 18%	30 [14.20]	MAIN, LH/RH 70% COMP'D., LH/RH LO: 17.5% 1ST: -26.7% 2ND: -37.4% 3RD: -51.9% 4TH: -72.9% REV: 14.8%	
T31821		2100 [2 840]																							
T318LR	18	1800 [2 440]	23.13	1 - 28.98 2 - 24.58 3 - 6.41	16.42	13.93 18%	8.78 59%	7.45 18%	6.28 19%	5.33 18%	4.52 18%	3.83 18%	3.22 19%	2.73 18%	2.29 19%	1.94 18%	1.64 18%	1.39 18%	1.18 18%	1.00 18%	0.84 19%	0.71 18%	30 [14.20]	MAIN, LH/RH 70% COMP'D., LH/RH LO: -14.3% 1ST: -26.7% 2ND: -37.4% 3RD: -51.9% 4TH: -72.9% REV: 8.1%	
T318LR21		2100 [2 840]																							

