

Table 2:

ISO Grade	Lubricant Type	Volume	Ordering Part Number
150	Synthetic	Quart	411709-66-AP
		Gallon	411709-66-AR
220	Mineral	Quart	411709-66-AS
		Gallon	411709-66-AT
	Synthetic	Quart	411709-66-AU
		Gallon	411709-66-AV
320	Mineral	Quart	411709-66-AW
		Gallon	411709-66-AX
	Synthetic	Quart	411709-66-AY
		Gallon	411709-66-AZ



Table 3: Oil Quantity

Reducer Size TXT, SCXT, HXT	Approximate Volume of Oil to Fill Reducer to Oil Level Plug											
	Position A		Position B		Position C		Position D		Position E		Position F	
	Required Volume	You Need To Purchase	Required Volume	You Need To Purchase	Required Volume	You Need To Purchase	Required Volume	You Need To Purchase	Required Volume	You Need To Purchase	Required Volume	You Need To Purchase
		Gal		Qt		Gal		Qt		Gal		Qt
109, 115, 125	0.50 Qts	- 1	0.50 Qts	- 1	0.63 Qts	- 1	0.75 Qts	- 1	1.00 Qt	- 1	1.25 Qts	- 2
105	0.63 Qts	- 1	0.75 Qts	- 1	0.63 Qts	- 1	0.75 Qts	- 1	1.13 Qts	- 2	1.38 Qts	- 2
209, 215, 225	0.88 Qts	- 1	1.00 Qts	- 1	0.63 Qts	- 1	1.00 Qt	- 1	1.63 Qts	- 2	1.75 Qts	- 2
205	0.75 Qts	- 1	0.88 Qts	- 1	0.88 Qts	- 1	0.88 Qts	- 1	1.75 Qts	- 2	2.25 Qts	- 3
309, 315, 325	1.50 Qts	- 2	1.50 Qts	- 2	0.75 Qts	- 1	2.25 Qts	- 3	2.63 Qts	- 3	3.00 Qts	- 3
305	0.88 Qts	- 1	1.50 Qts	- 2	1.38 Qts	- 2	1.38 Qts	- 2	2.50 Qts	- 3	3.13 Qts	1 -
409, 415, 425	1.88 Qts	- 2	2.25 Qts	- 3	1.25 Qts	- 2	1.75 Qts	- 2	3.38 Qts	1 -	1.06 Gal	1 1
405	1.50 Qts	- 2	2.25 Qts	- 3	2.13 Qts	- 3	1.88 Qts	- 2	1.00 Gal	1 -	1.22 Gal	1 2
509, 515, 525	0.81 Gal	1 -	1.00 Gal	1 -	3.25 Qts	1 -	1.00 Gal	1 -	1.75 Gal	1 3	2.16 Gal	2 1
505	0.84 Gal	1 -	1.06 Gal	1 1	3.88 Qts	1 -	0.94 Gal	1 -	1.94 Gal	2 -	2.25 Gal	2 1
609, 615, 625	1.06 Gal	1 1	1.25 Gal	1 1	1.06 Gal	1 1	1.25 Gal	1 1	2.16 Gal	2 1	2.28 Gal	2 2
605	1.13 Gal	1 1	1.44 Gal	1 2	1.13 Gal	1 1	1.25 Gal	1 1	3.00 Gal	3 -	2.75 Gal	2 3
709, 715, 725	1.63 Gal	1 3	2.00 Gal	2 -	1.81 Gal	2 -	2.31 Gal	2 2	3.84 Gal	4 -	4.09 Gal	4 1
705	1.88 Gal	2 -	2.25 Gal	2 1	1.88 Gal	2 -	2.31 Gal	2 2	4.75 Gal	4 3	4.31 Gal	4 2
815, 825	2.13 Gal	2 1	2.75 Gal	2 3	2.63 Gal	2 3	2.13 Gal	2 1	4.78 Gal	5 -	4.78 Gal	5 -
805	1.50 Gal	1 2	3.75 Gal	3 3	2.50 Gal	2 2	2.13 Gal	2 1	5.50 Gal	5 2	4.69 Gal	4 3
915, 926	3.25 Gal	3 1	3.25 Gal	3 1	3.13 Gal	3 1	3.56 Gal	3 3	6.34 Gal	6 2	6.34 Gal	6 2
905	3.69 Gal	3 3	3.75 Gal	3 3	4.06 Gal	4 1	3.44 Gal	3 2	7.97 Gal	8 -	7.97 Gal	8 -
10, 151, 024	5.75 Gal	6 -	3.50 Gal	3 2	3.94 Gal	4 -	4.69 Gal	4 3	10.25 Gal	11 -	10.25 Gal	11 -
12, 151, 225	14.75 Gal	15 -	9.50 Gal	9 2	14.75 Gal	15 -	9.13 Gal	9 1	25.00 Gal	25 -	25.00 Gal	25 -
TDT1325	21.50 Gal	22 -	15.50 Gal	16 -	21.50 Gal	22 -	14.75 Gal	15 -	27.50 Gal	28 -	27.50 Gal	28 -
TDT1425	30.00 Gal	30 -	22.00 Gal	22 -	30.00 Gal	30 -	15.25 Gal	16 -	37.50 Gal	38 -	37.50 Gal	38 -
TDT1530	49.25 Gal	50 -	34.50 Gal	35 -	49.25 Gal	50 -	42.50 Gal	43 -	70.25 Gal	71 -	70.25 Gal	71 -

NOTE

- The oil recommendations in Table 1 assume the use of auxiliary cooling where recommended in the catalog. Our recommended lubricants for Dodge Torque-Arm Reducers, shown in Table 2, do not contain Extreme Pressure (EP) additives and these additives are not necessary for average operating conditions. Oils containing EP additives should not be used when a backstop is used as the EP additives will destroy sprag action. For any special application considerations (low temperature, food industry use, etc) we recommend that you contact product engineering.
- The recommended volumes in Table 3 are approximate. Units should always be filled until oil runs out of the level hole. For units operating below 1.5 RPM output speed, the oil level should be adjusted to reach the highest oil level plug.



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