

Grease Re-lubrication Quantities for Spherical Roller Bearings used in Vibratory Applications (40 - 50 hr. (Weekly) Re-lubrication Interval)

Bore Reference no.	Shaft Speed (min ⁻¹)																
	500	600	700	800	900	1,000	1,200	1,400	1,600	1,800	2,000	2,200	2,400	2,600	2,800	3,000	3,200
08	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a
09	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	10 / 0.35 n/a	10 / 0.35 n/a
10	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a
11	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a	15 / 0.53 n/a	20 / 0.71 n/a
12	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a	15 / 0.53 n/a		
13	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a	15 / 0.53 n/a	20 / 0.71 n/a			
14	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a	15 / 0.53 n/a	20 / 0.71 n/a	25 / 0.88 n/a				
15	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a	20 / 0.71 n/a	25 / 0.88 n/a					
16	5.0 / 0.18 n/a	5.0 / 0.18 n/a	5.0 / 0.18 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a	20 / 0.71 n/a	25 / 0.88 n/a						
17	5.0 / 0.18 n/a	5.0 / 0.18 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a	20 / 0.71 n/a	25 / 0.88 n/a	35 / 1.23 n/a						
18	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a	20 / 0.71 n/a	25 / 0.88 n/a	30 / 1.06 n/a	40 / 1.41 n/a						
19	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	10 / 0.35 n/a	15 / 0.53 n/a	15 / 0.53 n/a	25 / 0.88 n/a	35 / 1.23 n/a	45 / 1.59 n/a							
20	10 / 0.35 10 / 0.35	10 / 0.35 10 / 0.35	10 / 0.35 10 / 0.35	10 / 0.35 15 / 0.53	15 / 0.53 15 / 0.53	20 / 0.71 20 / 0.71	25 / 0.88 25 / 0.88	30 / 1.06 35 / 1.23	40 / 1.41 45 / 1.59	50 / 1.76 55 / 1.94	70 / 2.47 75 / 2.65						
22	10 / 0.35 10 / 0.35	10 / 0.35 15 / 0.53	15 / 0.53 15 / 0.53	20 / 0.71 20 / 0.71	20 / 0.71 20 / 0.71	25 / 0.88 25 / 0.88	30 / 1.06 35 / 1.23	40 / 1.41 45 / 1.59	50 / 1.76 55 / 1.94	70 / 2.47 75 / 2.65							
24	15 / 0.53 15 / 0.53	15 / 0.53 20 / 0.71	20 / 0.71 20 / 0.71	25 / 0.88 25 / 0.88	30 / 1.06 35 / 1.23	35 / 1.23 45 / 1.59	45 / 1.59 55 / 1.94	55 / 1.94 70 / 2.47	70 / 2.47 85 / 3.00	85 / 3.00 110 / 3.88							
26	15 / 0.53 20 / 0.71	20 / 0.71 25 / 0.88	20 / 0.71 25 / 0.88	25 / 0.88 30 / 1.06	35 / 1.23 40 / 1.41	40 / 1.41 50 / 1.76	40 / 1.41 50 / 1.76	65 / 2.29 80 / 2.82	65 / 2.29 80 / 2.82	90 / 3.17 100 / 3.53							
28	20 / 0.71 25 / 0.88	25 / 0.88 30 / 1.06	30 / 1.06 35 / 1.23	35 / 1.23 45 / 1.59	45 / 1.59 55 / 1.94	60 / 2.12 70 / 2.47	60 / 2.12 70 / 2.47	100 / 3.53 120 / 4.23	100 / 3.53 120 / 4.23								
30	25 / 0.88 30 / 1.06	30 / 1.06 35 / 1.23	40 / 1.41 45 / 1.59	40 / 1.41 50 / 1.76	50 / 1.76 60 / 2.12	60 / 2.12 80 / 2.82	60 / 2.12 80 / 2.82	90 / 3.17 100 / 3.53	90 / 3.17 100 / 3.53								
32	25 / 0.88 30 / 1.06	35 / 1.23 45 / 1.59	45 / 1.59 55 / 1.94	60 / 2.12 70 / 2.47	80 / 2.82 95 / 3.35	100 / 3.53 120 / 4.23	100 / 3.53 120 / 4.23										
34	30 / 1.06 n/a	40 / 1.41 n/a	55 / 1.94 n/a	80 / 2.82 n/a	110 / 3.88 n/a	140 / 4.94 n/a											
36	35 / 1.23 n/a	50 / 1.76 n/a	65 / 2.29 n/a	90 / 3.17 n/a	120 / 4.23 n/a												
38	45 / 1.59 55 / 1.94	65 / 2.29 75 / 2.65	90 / 3.17 105 / 3.70	130 / 4.59 150 / 5.29													
40	50 / 1.76 60 / 2.12	70 / 2.47 85 / 3.00	100 / 3.53 120 / 4.23	150 / 5.29 180 / 6.35													
44	70 / 2.47 n/a	105 / 3.70 n/a	160 / 5.64 n/a														

Grease Quantities in grams / ounces (wt.)

Example:

5.0 / 0.18	223 Series (5.0 g / 0.18 oz.)
10.0 / 0.35	233 Series (10.0 g / 0.35 oz.)

n/a = bearing size not available