

# Grease Lubrication Schedule

## Link-Belt Roller Bearing Units – Series B22400H & B22500H

Lubrication Guidelines for Vertical Shaft, Grease Lubricated Fan, Blower or Other HighSpeed rotating Equipment

Relubrication Interval →				3 Month	2 Month	1 Month	2 Week	1 Week
Shaft Size Range		Amount of Grease		Operating Speed - RPM				
Inches	MM	Cu. In.	Cu. Cm	Up to	Up to	Up to	Up to	Up to
3/4 to 1	25	0.4	6.4	1400	2200	3400	5000	6800
1-1/16 to 1-1/4	30	0.5	7.7	1150	1600	2800	4500	5600
1-5/16 to 1-1/2	35	0.6	9.2	1000	1550	2400	3800	4800
1-9/16 to 1-3/4	40	0.8	13.1	870	1350	2100	3300	4200
1-13/16 to 2	45-50	0.9	14.6	700	1100	1700	2700	3400
2-1/16 to 2-1/4	55	1.1	17.9	630	1000	1500	2400	3000
2-5/16 to 2-1/2	60	1.3	21	580	910	1400	2250	2800
2-9/16 to 3	65-70	2.4	40	460	730	1100	1600	2200
3-1/16 to 3-1/2	80-85	3.9	64	410	640	1000	1550	2000
3-9/16 to 4	90-100	5.7	94	350	550	850	1350	1700
4-1/16 to 4-1/2	110-115	6.5	106	300	470	740	1150	1500
4-9/16 to 5	125	10.0	164	280	440	680	1050	1400

Lubricate with a premium quality NLGI 2 multi-purpose ball bearing grease having corrosion inhibitors, anti-oxidant additives and mechanical stability for high speed operation. The grease should also have minimum base oil viscosity of 500 SUS at 100° F and be suitable to operate continuously at 225° F. Do not use a heavy, long fibered grease.

Some suggested greases are:

ExxonMobil Ronex MP  
Shell Alvania Grease 2  
Gulfcrown Grease No. 2

Texaco 1939 Premium RB  
Amoco Rykon Premium Grease No. 2

These units are prelubricated with a multi-purpose Lithium soap grease. When relubricating with greases of different types (especially synthetic soaps or oils) complete flushing is recommended.

The presence of dirt, moisture or chemical fumes around the bearings requires more frequent lubrication. Ambient temperatures below 20° F or above 200° F will require special lubricants. Consult the machinery manufacturer for recommendations.

When vibration exceeds 0.1 in./sec., frequent lubrication is required and a need for equipment rebalancing is indicated.

Fill bearings with lubricant prior to extended shutdown or storage. Rotate the shaft several revolutions each month during idle periods.

These guidelines are for applications approved by Link-Belt Bearing Operation, located at the address below.



Rexnord Industries LLC 7604 Rockville Road, Indianapolis, IN 46214-3102 USA, Phone: 317-273-5500, Fax: 317-273-5620

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