



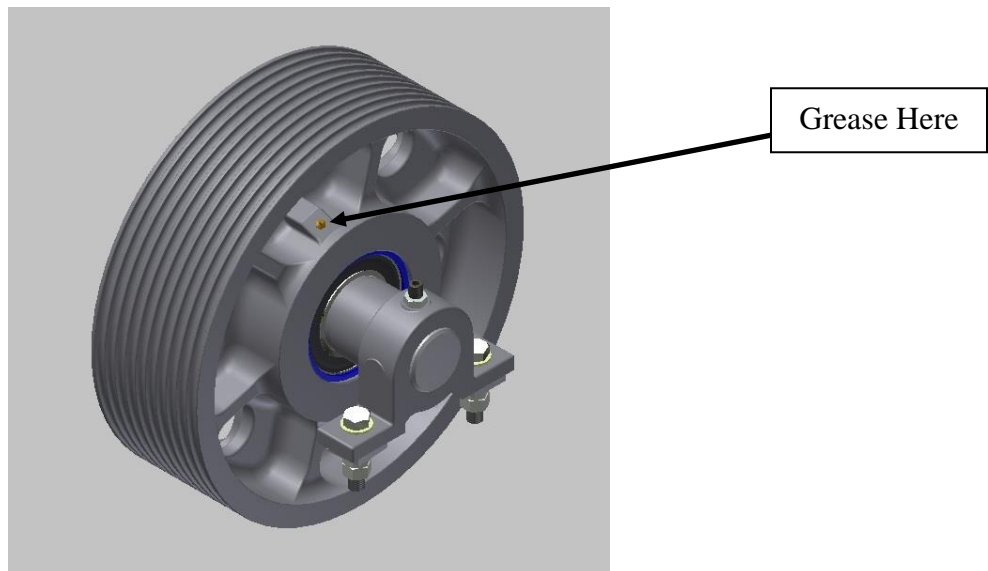
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LUBRICATION INSTRUCTIONS FOR DEFLECTOR AND OVERHEAD SHEAVES **SHEAVE / SHAFT BEARINGS:**

- Sheave Bearings are packed with lubricant for shipping at the Hollister-Whitney Plant.
- Sheave Cavity is left unfilled.
- Fill the Sheave Cavity upon installation and/or after bearing replacement.
 - If no grease zerks are present the sheave has sealed bearings and does not need lubricated.
 - If the sheave assembly has dust covers (thin rings of sheet metal on the outside of the bearings) the assembly has spherical roller bearings. If no dust covers are present the assembly has ball bearings.
 - A guide to the approximate amount of grease required to fill the sheave cavity can be referenced on Page 2. Some sheaves may be narrowed for installation. Confirm Sheave Bearing Hub Width matches the value in the table. If the hub width is different the grease volume will need to be adjusted. Add grease slowly spinning the sheave occasionally to help distribute grease evenly.
 - Part number 331-087 and 331-088 sheaves have two (2) grease zerks that apply grease directly into the bearings, thus the cavity does not need to be filled.
- Re-Lubricate yearly with approximately 2oz. of lubricant at the Grease Fitting. Add grease slowly spinning the sheave occasionally to help distribute grease evenly.
 - Part number 331-087 and 331-088 sheaves have two (2) grease zerks that apply grease directly into the bearings. Re-Lubricate yearly with approximately 1oz. of lubricant at EACH Grease Fitting.
- Harsh operation environments for example, salt air and high dust (fly ash, grain or concrete dust, etc.) may severely shorten maintenance periods.
- Use Polyrex EP2 – Exxon Oil



Approximate Standard Sheave Grease Cavity Volume					
Application	Bearing Type	Sheave Casting Number	Sheave Bearing Bore Diameter (in.)	Sheave Bearing Hub Width (in.)	Grease Cavity Volume (fl oz.)
Standard Shaft & CWT Sheaves	Ball Bearing	331-002R	5.12	4.00	9.4
		331-003R	5.12	4.00	9.4
		331-005R	5.12	4.00	9.4
		331-008R	5.12	6.25	24.7
		331-009R	6.30	6.50	32.0
		331-011R	5.12	4.00	9.4
		331-017R	5.12	4.00	9.4
		331-023R	5.12	6.25	24.7
		331-025R	6.30	6.25	29.6
		331-026R	6.30	6.25	29.6
		331-027R	6.30	6.25	29.6
		331-064R	5.12	4.00	9.4
		331-065R	6.30	5.00	17.9
		331-090R	6.30	6.50	32.0
		331-091R	6.30	6.50	32.0
	331-092R	6.30	6.50	32.0	
	331-093R	6.30	6.50	32.0	
	Spherical Roller Bearing	331-009R	6.30	6.50	24.3
		331-025R	6.30	6.25	21.9
		331-026R	6.30	6.25	21.9
		331-027R	6.30	6.25	21.9
		331-065R	6.30	5.00	10.2
		331-090R	6.30	6.50	24.3
331-091R		6.30	6.50	24.3	
331-092R		6.30	6.50	24.3	
Slip Fit Shaft Sheaves	Ball Bearing	331-009R	6.30	6.50	37.9
		331-025R	6.30	6.25	35.1
		331-026R	6.30	6.25	35.1
		331-027R	6.30	6.25	35.1
		331-065R	6.30	5.00	21.2
		331-090R	6.30	6.50	37.9
		331-091R	6.30	6.50	37.9
		331-092R	6.30	6.50	37.9
	331-093R	6.30	6.50	37.9	
	Spherical Roller Bearing	331-009R	6.30	6.50	28.8
		331-025R	6.30	6.25	26.0
		331-026R	6.30	6.25	26.0
		331-027R	6.30	6.25	26.0
		331-065R	6.30	5.00	12.0
		331-090R	6.30	6.50	28.8
331-091R		6.30	6.50	28.8	
#43/44, #53/54, #63/64 Overhead Deflector Machine Sheaves	Ball Bearing	331-002R	5.12	4.00	9.4
		331-003R	5.12	4.00	9.4
		331-005R	5.12	4.00	9.4
		331-008R	5.12	6.25	24.7
		331-011R	5.12	4.00	9.4
		331-017R	5.12	4.00	9.4
		331-023R	5.12	6.25	24.7
		331-025R	6.30	6.25	31.1
		331-026R	6.30	6.25	31.1
	331-027R	6.30	6.25	31.1	
	Spherical Roller Bearing	331-025R	6.30	6.25	23.0
		331-026R	6.30	6.25	23.0
		331-027R	6.30	6.25	23.0
		331-009R	6.30	6.50	32.0
		331-090R	6.30	6.50	32.0
331-091R		6.30	6.50	32.0	
#74 Overhead Deflector Machine Sheaves	Ball Bearing	331-092R	6.30	6.50	32.0
		331-093R	6.30	6.50	32.0
		331-009R	6.30	6.50	24.3
		331-090R	6.30	6.50	24.3
		331-091R	6.30	6.50	24.3
	Spherical Roller Bearing	331-092R	6.30	6.50	24.3
		331-093R	6.30	6.50	24.3