

# Overhung Load Adaptors LUBRICATION REQUIREMENTS

For complete performance and dimensional data on Overhung Load Adaptors see [www.vonruden.com](http://www.vonruden.com)



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**Lubrication requirements for speeds and temperatures,  
All Von Ruden Overhung Load Adaptors Are Shipped Without Lubrication.**

Speeds under 1800 RPM, use 80/90 wt. oil or circulating lube oil system.

Speeds 19800 or 2400 RPM, use low viscosity oil or circulating lube oil system.

Speeds over 2400 RPM require circulating lube oil systems and possible coolers.

Ambient Temperature	Lubricant
(-20° F to 0° F)	Moble super 10W-30
(0° F to 40° F)	Moblelube HP 80W-90
(40° F to 100° F)	Moblelube HD 80W-90
(100° F to 150° F)	Moblelube HD 85W-140

Model Series	Description	Recommended Amount in Horizontal Position (See special Mounting note below.)	Maximum Displacement/Volume
Mini Series	2 Bolt with Standard Ball Bearings	1.50 oz (.044 Liters)	5.42 Cubic Inches/3.00 oz. (88.83 Cubic Centimeters)
SAE 'A'	2 Bolt with Standard Ball Bearings	1.50 oz (.044 Liters)	5.42 Cubic Inches/3.00 oz. (88.83 Cubic Centimeters)
SAE 'A'	2 Bolt with Standard Bolt Bearings	1.50 oz (.044 Liters)	5.42 Cubic Inches/3.00 oz. (88.83 Cubic Centimeters)
Special Industry Standard	4 Bolt with 2.5 Inch Pilot with Standard Duty Ball	1.50 oz (.044 Liters)	5.42 Cubic Inches/3.00 oz. (88.83 Cubic Centimeters)
SAE 'A,	4 Bolt with 2.5 Inch Pilot with Standard Duty Ball	1.50 oz (.044 Liters)	5.42 Cubic Inches/3.00 oz. (88.83 Cubic Centimeters)
SAE 'B'	4 Bolt with 2.5 Inch Pilot with Standard Duty Ball	1.50 oz (.044 Liters)	5.42 Cubic Inches/3.00 oz. (88.83 Cubic Centimeters)
SAE 'C'	4 Bolt with 2.5 Inch Pilot with Standard Duty Ball	1.50 oz (.044 Liters)	5.42 Cubic Inches/3.00 oz. (88.83 Cubic Centimeters)
SAE 'C-C'	4 Bolt with 2.5 Inch Pilot with Standard Duty Ball	1.50 oz (.044 Liters)	5.42 Cubic Inches/3.00 oz. (88.83 Cubic Centimeters)

## Special Mounting Note

When mounting the overhung load adapter in the vertical position or any other position that the shaft is at a 30° or greater tilt, a forced feed oil system is recommended. If that is not an option, an outside vented reservoir with sufficient lubrication capacity connected to one of the fill ports that has an oil level above the highest bearing may offer proper lubrication if speeds are within parameters listed above in recommended lube specifications.