



“Introducing Valvoline™ 5th Wheel Grease”

The technology in Valvoline™ 5th Wheel grease helps minimize wear and maximize the longevity of the fifth wheel resulting in significant cost savings for customers. In fifth wheel lubrication, the top plate is exposed to all weather and environmental conditions, which requires the grease to stay in place and provide necessary protection regardless of the weather or environment. Valvoline 5th Wheel grease is designed specifically for the challenges posed in top plate fifth wheel lubrication to help customers save money in two ways:

1. Using a specialty product requires less grease to provide sufficient and long-lasting lubrication of the top plate,
2. This product provides better protection of the top plate for longer equipment life and less down-time compared to alternative options.

Valvoline 5th Wheel Grease offers maximum stay in place performance with less than 10% water spray-off and provides the necessary protection against fretting wear required in this application. Fretting wear occurs in applications where there is extreme oscillatory motion, or vibration, of contacting surfaces under high load. In addition, this specialty grease is formulated with 10% lubricating solids, including molybdenum disulfide and graphite, which provide an added layer of insurance in case the grease structure is compromised or otherwise removed from the top plate.



Commonly, fleets will use a high temperature “bearing grease,” such as a multi-purpose GC-LB grease, to lubricate the 5th wheel. Often, this class of grease does not contain the solid lubricants recommended in this application. Because these products do not stay in place, they are often forced off the plate and can cause other issues, such as contamination or obstruction of other components in the 5th wheel like the lock mechanism. Furthermore, the top plates must be lubricated more frequently when using this type of product driving up grease costs. It is important to note that 5th Wheel Grease is NOT intended for bearing applications.

When Valvoline 5th Wheel grease is used by a customer for the first time, best practices include pressure washing and detailing the fifth wheel prior to application to ensure that the top plate is cleaned of any previous grease or contaminants. In general, the fifth wheel plate does not need a large amount of grease, but a thin film should be spread on the contacting surfaces. The first application of 5th wheel grease will require about a pound, and the grease should be spread sufficiently to fill the grease pockets that are built into the top plate. Subsequent greasing should necessitate approximately one half pound (8 oz.). As with all equipment lubrication, OEM best practices should be referenced and adhered.

Part Numbers	
120 Lb. Keg (L)	880405
35 Lb. Plastic Pail	880406