

# Product Information

A PRODUCT OF VALVOLINE, A DIVISION OF ASHLAND INC.



## Valvoline's Palladium<sup>®</sup> Grease

Valvoline's Palladium grease is a premium quality multi-purpose lubricant for use in extreme pressure and high temperature operating conditions. It is manufactured from carefully selected petroleum oils and performance additives to create a superior grease with a dropping point above 500° F. The smooth textured grease has a heavy bodied consistency but provides good pumpability in both hot and cold operating temperatures. The product has excellent resistance to water and water washout problems. Oil separation is minimal even under extreme pressures.

Valvoline's Palladium grease is formulated with special lubricity, anti-wear and extreme pressure additives including molybdenum disulfide and is completely fortified with oxidation, rust and corrosion inhibitors. It displaces other greases as top-of-the-line quality products for severe applications and general purpose lubrication.

The product is recommended for all types of bearing and slide applications, for shock loading, pounding, rough chassis usage and high loads. Two NLGI grades are available for seasonal temperature changes.

Palladium meets the requirements of NLGI GC/LB.

Typical Properties	NLGI1	NLGI 2
Thickener Type	Lithium Complex	Lithium Complex
Texture	Smooth, Tacky	Smooth, Tacky
Color	Grey	Black
Molybdenum Disulfide, %	3.0	3.0
Penetration, Worked	265	275
Dropping Point, °F	>500	540
Rust Prevention, Rating	Pass	Pass
Water Washout, % Loss		4
Timken OK Load, lbs.	55	60
Four Ball Wear: Scar, mm		0.48
Four Ball EP: Weld Point, kg	400	600
Four Ball EP: Load Wear Index, kg	68	68
Leakage Tendency, g		2.00
<b>Base Oil Characteristics</b>		
Viscosity @ 40° C, cSt		295
Viscosity @ 100° C, cSt		20.5
Viscosity Index		80
Pour Point, °F (°C)	+10 (-12)	+10 (-12)
Flash Point, °F (°C)	450 (232)	450 (232)
<b>Part Numbers</b>		
400 Lb. Drum	VV70142	VV70109
120 Lb. Keg (L)	VV70143	VV70110
50/14 Oz. Carton		VV70112

Refer to Valvoline's Material Safety Data Sheet for health and safety instructions.

This information only applies to products manufactured in the following location(s): USA, Canada.

Effective Date:	Expiration Date:	Replaces:	Author's Initials:	Code
10/25/2010	N/A	08/04/2010	JRT	PI 1002

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