

Product Information

A PRODUCT OF VALVOLINE, A DIVISION OF ASHLAND INC.



Valvoline's Palladium® 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 superior grease with a dropping point of 460-500° 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 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. Four NLGI grades are available for seasonal temperature changes.

Typical Properties	Test Method	NLGI 00	NLGI 0	NLGI 1	NLGI 2
Molybdenum Disulfide, %	---	3	3	3	3
Thickener Type	---	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
Texture	Visual	Smooth	Smooth	Smooth, Tacky	Smooth, Tacky
Color	Visual	Grey	Grey	Grey	Grey
Penetration, Worked	ASTM D217	400-430	355-385	310-340	265-295
Dropping Point, °F, min	ASTM D2265	N/A	N/A	500	500
Dropping Point, °C, min	ASTM D2265	N/A	N/A	260	260
Rust Prevention, Rating	ASTM D1473	N/A	N/A	Pass	Pass
Copper Corrosion	ASTM D4048	1b	1b	1b	1b
Water Washout, % Loss, max	ASTM D1264	N/A	N/A	10	5
Timken OK Load, lbs.	ASTM D2509	50	50	55	55
Four Ball Wear: Scar, mm	ASTM D2266	0.6	0.6	0.6	0.6
Four Ball EP: Weld Point, kg	ASTM D2596	315	315	400	400
Four Ball EP: Load Wear Index, kg	ASTM D2596	50	50	65	65
Leakage Tendency, g, min	ASTM D4290	N/A	N/A	5.0	2.0
Oil Separation, wt. %, max	ASTM D1742	N/A	N/A	6	6
Base Oil Characteristics		ISO 320	ISO 320	ISO 320	ISO 320
Pour Point, °F (°C)	ASTM D97	-15 (-26)	-15 (-26)	+10 (-12)	+10 (-12)
Flash Point, °F (°C)	ASTM D92	400(204)	400(204)	400 (204)	400 (204)

Part Numbers

Tote				NA	NA
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
02/18/2013	N/A	12/19/2011	KD	PI 1301

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