

Product Information

A PRODUCT OF VALVOLINE, A DIVISION OF ASHLAND INC.



Valvoline Optimum Choice™ Grease

Valvoline™ Optimum Choice™ grease is a partial synthetic, lithium complex grease designed especially for extended service intervals and severe duty service in on-highway, off-road, and industrial applications.

Its viscous base stock provides exceptional water washout resistance, reduced squeeze out due to heavy loading and high temperature performance. In addition, it contains high molecular weight polymers to provide excellent adhesion and tackiness properties. The product is formulated with anti-wear and extreme pressure additives, corrosion and oxidation inhibitors. It contains additional dye content for long lasting color verification.

Valvoline™ Optimum Choice™ grease is recommended for on-highway extended service interval fleet applications, including chassis, steering, fifth wheel, water pumps, and wheel bearings. It is also recommended for use in off-road construction and mining, agricultural, and industrial applications.

Typical Properties	NLGI 00	NLGI 0	NLGI 2
Thickener Type	Lithium Complex	Lithium Complex	Lithium Complex
Color	Deep Red	Deep Red	Deep Red
Texture	Very Tacky	Very Tacky	Very Tacky
Penetration, Worked	400-430	355-385	265-295
Dropping Point, °F, min.	475	475	500
Water Spray-Off, % Loss, max.	--	--	<10
Four Ball Wear, mm Scar Diameter, max.	0.7	0.7	0.7
Four Ball E.P. Weld Point, kg, min.	315	315	400
Timken EP, OK Load, lbs. min.	50	50	60
Rust Protection	Pass	Pass	Pass
Oxidation Stability, psi @ 100 hrs, max.	10	10	10
Base Oil Characteristics			
Viscosity @ 40° C cSt	320	320	320
Viscosity @ 100° C, cSt	--	--	33.5
Flashpoint, °F, min.	400	400	400
Part Numbers			
Bulk	--	--	VV70170
400 Lb. Drum	806489	806488	VV70172
120 Lb. Keg (L)	--	--	VV70173
35 Lb. Pail	806311	806279	--
50/14 Oz. Carton	--	--	VV60175
Tote	--	--	VV70171

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
5/10/12	None	4/26/2011	JRT	PI 1201

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