

# PRODUCT INFORMATION



## VALVOLINE COBALT™ GREASE WITH PRESSURE ACTIVATED TECHNOLOGY™

Valvoline Cobalt Grease produces true heavy-duty performance with a break-through viscosity delivery system that reduces friction and handles heat in extreme environments. With Pressure Activated Technology, Valvoline's Cobalt Grease can deliver ISO 1000 lubricating fluid to ensure EP protection and sufficient film thickness between even the heaviest-loaded metal surfaces.

Cobalt Grease contains a lithium sulfonate complex thickening system that provides metal with inherent corrosion protection in harsh environments, even salt water. This unique, one-of-a kind grease also offers pumpability and extended oxidation protection for longer service life.

Cobalt Grease is suitable in the following applications: Mining, Quarry, Construction, Trucking, Refuse, Ready Mix Fleets, Industrial and Agriculture, and more.

Typical Properties	ASTM Method	NLGI Grade # 1	NLGI Grade # 2
Color	Visual	Blue	Blue
Worked Penetration, @77F	D217	325	280
Mobility @ 60F (15.6 C), g/min	US Steel	>260	>160
Dropping Point, °F / °C	D2265	500 / 260	500 / 260
Max Operating Temp, °F		350	350
<b>Point Contact Equipment Life Extension</b>			
4-ball weld load, kg	D2596	>800	>800
Load Wear Index	D2596	>150	>150
Load Wear Index Scar @ 200kg, mm	D2596	<1.15	<1.15
<b>Line Contact Equipment Life Extension</b>			
Timken OK Load, lbs. min	D2509	>70	>70
Falex Ring-on-Block (low speed/high load) 1 hour test, non-replenished sump	D2509 modified		
PSI rating, psi		Pass/>9,000	Pass/>9,000
Average Coefficient of Friction, after 30 min break-in		0.03	0.03
Extended test, hours to failure		>2	>2
<b>Oxidation Testing Grease Life Extension</b>			
Wheel Bearing Life Test – hours to failure after 100 hr. Oxidation Bomb Test (D942)	D3527	Exceeds GC Requirements	Exceeds GC Requirements
Rust Prevention, 100% Sea Water	D5969	Pass	Pass

Part Numbers:	NLGI #1	NLGI #2
Tote	872178	872120
400 Lb. Drum	872174	872193
120 Lb. Keg (L)	872115	872176
35 Lb. Plastic Pail	872177	872173
50/14 Oz. Carton	872175	872117

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

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

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