



## Mobil™ CVJ Grease

Mobil Industrial , United States

Mobil grease

### Product Description

Mobil™ CVJ Grease is formulated with a state-of-the art polyurea thickener, a high-quality mineral oil, and a patented high-performance anti-wear additive package. ExxonMobil has specifically designed the polyurea thickener system to meet the challenging lubrication requirements of automotive constant velocity joint applications. The thickener system allows the consistency of the grease to soften in a controlled manner when subjected to mechanical shearing forces such as the forces found in the rolling and sliding metal-to-metal contacts of a constant velocity joint. This controlled softening allows Mobil™ CVJ Grease to “flow” into the multiple contact points of a constant velocity joint more effectively, without resulting in excessive oil separation.

Mobil™ CVJ Grease provides excellent resistance to oxidation, even at operating temperatures as high as 350F. The excellent thermal stability of this grease is a result of the high-performance additive package as well as the inherent antioxidant characteristics of the polyurea thickener itself.

Mobil™ CVJ Grease is compatible with a wide range of common elastomers found in constant velocity joint applications. It is compatible with silicone, Neoprene, Hytrel polyester, and nitrile based elastomers.

The performance of Mobil™ CVJ Grease has been proven in automotive constant velocity joints used in the drive train of front-wheel-drive automobiles, Mobil™ CVJ Grease may also be used in Cardan joints of rear wheel drive automobiles.

### Properties and Specifications

Property	
Grade	NLGI 1.5
Viscosity @ 40 C, Base Oil, mm <sup>2</sup> /s, ASTM D445	120
Four-Ball Extreme Pressure Test, Load Wear Index, kgf, ASTM D2596	45
Low Temperature Torque, 60 s, -40 C, N m, ASTM D4693	6.9
Water Washout, Loss @ 79 C, wt%, ASTM D1264	1
Oil Separation, 0.25 psi, 24 h @ 25 C, mass%, ASTM D1742	0.1
Four-Ball Extreme Pressure Test, Weld Point, kgf, ASTM D2596	250
Penetration, 100 KX, 0.1 mm, ASTM D217	412
Viscosity @ 100 C, Base Oil, mm <sup>2</sup> /s, ASTM D445	12.6
Penetration, 60X, 0.1 mm, ASTM D217	315
Corrosion Preventive Properties, Rating, ASTM D1743	PASS
Dropping Point, °C, ASTM D2265	299
Four-Ball Wear Test, Scar Diameter, mm, ASTM D2266	0.53

Property	
Color, Visual	Blue-Green Clear Liquid
Viscosity Index, ASTM D2270	96

### Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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