



Product Data Sheet

Fifth Wheel Grease EP2 Lithium Complex Grease

DESCRIPTION

Nemco Fifth Wheel EP2 Grease is a black coloured, tacky lithium complex base lubricating grease designed specifically for automotive fifth wheel applications, where stay-in-place performance is critical under all weather and application conditions.

To minimize wear and extend the life of the fifth wheel components, Fifth Wheel Grease is built with maximum stay-in-place performance and designed to carry heavy loads during the harshest conditions. In addition, Fifth Wheel Grease contains over 10% solid additives to extend lubrication performance when the grease gets squeezed out in service.

Fifth Wheel Grease has a high dropping point in excess of 260°C which ensures retention where high temperatures are encountered. This product maintains excellent mobility at cold temperatures, and along with its tacky nature this grease will carry heavy loads, resist water wash-off and prevents corrosion.

Applications

Recommended for use on automotive fifth wheels. If the fifth wheel has been pressure washed, then a first application of this grease should be 0.5 kg applied as a thin film across the mating surfaces, making sure the grease pockets that are built into the top plate are full. Touchups thereafter should be about 0.2 kg of grease.

Given the high solids content in the formulation, Fifth Wheel Grease is NOT recommended for wheel bearing service.



Product Data Sheet

Typical Characteristics – Fifth Wheel Grease

NLGI Grade	EP ₂
Soap type	Lithium Complex
Texture	Tacky
Colour	Black
Worked penetration, 25°C 60 strokes	265-295
Copper Corrosion, ASTM D 4048 rating	1b
Rust prevention ASTM D1743, rating	Pass
Dropping point ASTM D1265, °C (°F) minimum	260
Four ball wear ASTM D2596, scar diameter (mm)	0.6
Four ball extreme pressure weld point ASTM D2596, kg	500
Mobility @ 60°F (grams/minute), US Steel	100
Viscosity cSt at 100°C cSt at 40°C	13.5-16.5 14.0-18.0
Viscosity index, min	90

Physical characteristics shown in the table are typical and may vary slightly.