



Product Data Sheet

Silver Max Grease EP1 & EP2 Lithium Complex Greases with Moly

DESCRIPTION

Nemco Silver Max Grease is silver (grey) in colour and NLGI #1 and #2 Lithium Complex based lubricating greases are formulated to meet the extreme conditions encountered in off-highway construction equipment as well as heavy duty applications. These greases are formulated with high viscosity base fluids for exceptional film strength and are fortified with 3% molybdenumdisulphide (moly), a solid additive that provides additional load carrying capacity and anti-wear performance.

Nemco Silver Max grease contains a unique blend of extreme pressure, anti-wear and rust and oxidation inhibitors, as well as functional polymers for better adhesion in wet environments and better performance at higher temperatures. Because they are Lithium Complex thickened, Silver Max greases have a high dropping point which also provides excellent performance and protection in high temperature environments.

Features and Benefits

EP performance – Excellent extreme pressure properties reduce wear and maintenance costs

Long Life – Enhanced oxidative and thermal stability leads to longer grease life

Moly Content - Contains 3% molybdenumdisulphide (MoS_2), providing extra protection in heavy shock loaded applications, and meets the requirement for moly content required for certain equipment

High Dropping Point - A dropping point over 260°C demonstrates the ability of Silver Max to handle high temperature service

Wide Temperature Range of Service - Typical operating ranges

Silver Max EP1 grade -23°C to 163°C

Silver Max EP2 grade -13°C to 163°C

Applications

Heavy Duty service in construction, mining, agricultural equipment

OEM 3% Moly content grease

Harsh working environments, bucket and pivot pins, spine shafts, sliding surfaces

High temperature applications, heavy shock loading conditions

Meets and/or exceeds

- Meets OEM Requirement for Multi-Purpose Moly Grease (MPGM)

Typical Characteristics – Silver Max EP1 and EP2

NLGI Grade	1	2
Soap type	Lithium Complex	Lithium Complex
Texture	Tacky	Tacky
Colour	Grey	Grey
Worked penetration, 25°C 60 strokes	330	280
Rust prevention ASTM D1743, rating	Pass	Pass
Dropping point ASTM D1265, °C (°F) minimum	<260 (>500)	>260 (>500)
Four ball wear ASTM D2596, scar diameter (mm)	<0.6	<0.6
Four ball extreme pressure weld point ASTM D2596, kg	620	620
Timken OK load ASTM D2509, lb	60	60
Four ball load wear index D2596, Kgf	89	89
Copper Corrosion Protection, D4048	1b	1b
Water Spray-Off, D4049, % wt loss	40%	25%
Mobility @ 15.5°C, g/min (US Steel)	425 min	350 min
Base Oil Viscosity cSt at 40°C	320	320

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