

# NEO Synthetics

## {PERFORMANCE UNDER PRESSURE}

CV 500 HOMIKINEETVET



### Product Data Sheet - NEO Synthetics High Performance Motor Oils

Constant Velocity & Articulated Joint Lubricant. Anti-seize Lubricating Paste to 1200°F

#### Product Description

NEO CV 500 Grease is a complex blend of mineral oils, synthetic esters and lubricating solids. NEO CV500 should be used when temperature extremes are not a problem. (See special note.) Their designed use is for severe sliding contact such as extremely heavily loaded ways and guides, very slow, large diameter ball and roller bearings, bushings, linear and oscillating mechanisms and open gears.

Articulated, CV and Universal Joints subject to the hardest shock loading, angularity and radial forces such as found on ALL-TERRAIN VEHICLES. Can be used on sensitive metallurgy including copper, silver, tin and aluminum and their alloys. Exceptionally resistant to water wash conditions including emulsions. Special compounding and lubricating solids provide superior anti-seize characteristics and exceptional acid resistance.

\*SPECIAL NOTE: NEO HPCC#1 should be used when extreme high & low temperatures are encountered or sustained. Elevated temperatures indicate extra protection is needed.

#### Applications;

Vehicular uses of NEO CV 500 Grease are typically constant velocity couplings (CV joints) and industrial applications include linear reciprocating mechanisms, heavily loaded ways & guides, spline couplings subject to linear motion & heavy loads in either direction, press fit & assembly operations, jack screws, mechanical presses, and very slow large diameter ball & roller bearings.

Special Applications: Anti-seize to 1200°F. Assembly and spline Lubricant, Racing Cam Lubricant, Press Fitting Stainless Steel, Jack Screws, High Temperature Open Gear Lubricant, Mechanical Presses, Dipper Sticks & Fasteners. Pump and valve lubrication in corrosive environments. MoS<sub>2</sub> (Moly) is recommended for all constant velocity joints except for double articulated spider types.

Specifications	
NLGI Grade	2%
Worked Penetration @ 60 Strokes	250
Dropping Point, °C	315
Base Oil, ISO VG Grade	1000
Pour Point, °C. (F)	+5 (+41)
Flash Point, °C. (F)	+270 (518)
Shell 4 Ball EP, weld load Kg »Does not Weld@	800Kg«
Load Wear Index	200