

NEO Synthetics

{PERFORMANCE UNDER PRESSURE}

HPCC1 CV VET



Product Data Sheet - NEO Synthetics High Performance Motor Oils

HPCC #1 GREASE 100% SYNTHETIC HIGH PERFORMANCE CALCIUM COMPLEX

NEO HPCC#1 Grease is a specialty grease for linear and oscillating mechanisms and couplings, such as constant velocity couplings (CV joints) and sealed bearings.

It will take heavy shock loads, frequent axial movements, large speed variations, and frequent reversing. It is made with a higher molecular weight synthetic base stock and will withstand extreme temperatures. It has a very strong resistance to water washout in rain or even salt water.

Specifications	VALUE	TEST METHOD
Base Oil	Viscosity 500	
Viscosity Increase	@ 100°F 10.5%	72 hours
Worked Penetration _D	-217 6.7%	72 hours
Unworked penetration	@210°F	60 strokes
@ 77°F	6.7	60,000 strokes
330	D-445	Shell: 800 Kg
Worked Penetration@	77°F	300
Load Wear Index	160	260
4-Ball Wear Scar ₁	.72 mm	
Endurance Wear Scar	1.45 mm	72 hours
Evaporation Loss	@300°F 1.4%	1.4%
Oil Separation	@400°F 2.1%	2.1%
	5.0%	
Oxidation Stability	<4.0%	D942 Pressure Drop, 400 hours
Dropping Point	600. °F	
Pour Point	-18. °F	
Flash Point	600. °F	
Fire Point	650. °F	
Density@	60° F 9.11 pounds/gallon	
4-Ball Wear Scar, mm (40Kg, 75°C, 1hr.@ 1200rpm)	D2266	0.57
Dielectric Strength, KV	D-877	30