



Black Imperial NLGI #2

Dyna-Plex 21C® Black Imperial NLGI #2 is a lubricating grease designed for use in heavily loaded, slow moving bearings, especially those exposed to water. The thickener used in this product is calcium sulfonate complex, which provides excellent performance in the presence of water or steam. If water gets churned into the grease, it will resist breaking down and flowing out of the bearing. It will continue to lubricate under conditions that would turn conventional greases to liquid. Tacky polymers and a high viscosity base oil in this thickener imparts outstanding water repellency.

Dyna-Plex 21C Black Imperial NLGI #2 grease has an excellent extreme pressure capability. The weld point on the Four Ball test is 800 kilograms, which is the highest load possible on this test. This translates into longer bearing life under high load and high shock impact. It is recommended for use in paper machine bearings, including wet end bearings, pump bearings, especially pumps for caustic or acidic fluids, roll stand bearings and conveyor bearings in steel mills.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>NLGI #2</u>
Cone Penetration, (Worked)	D-217	265-295
Dropping Point, °F (°C)	D-2265	>580 (304)
Kinematic Viscosity (Base Oil)	D-445	
cSt @ 40°C		1224
cSt @ 100°C		61
Density, lb/gal @ 60°F (15.5°C)	Gardner Method	8.18
Specific Gravity, g/cc @ 60°F (15.5°C)	Gardner Method	0.982
Four Ball EP	D-2596	
Weld Point, kg		800
Water Spray-Off, % loss	D-4049	9.0
Water Washout, % loss	D-1264	1.1
Rust Test	D-1743	Pass
Roll Stability, % Stability	D-1831	8
Thickener Type		Calcium Sulfonate Complex
Low Temperature Pumpability	OEM Standard	
Lincoln Ventmeter @ 400 psi, °F (°C)		61 (16)