

LA 191 SEMI-FLUID PARA-SYN® GREASE

NLGI-'0' AND '00' LB-GC

DESCRIPTION

LA 191 grease is a sophisticated, high performance, semi-fluid and easily pumpable lubricating grease with excellent anti-leak features for use in Central Lubrication System (CLS). It can be applied both manually and automatically for a multitude of general machine lubrication applications and the (Lifetime) lubrication of gearboxes. It provides the essential high standard of long-distance pumpability demanded by Central Lubrication Systems in industries. Pumping distances of up to 1,000mtr without booster pumps have been achieved due to the ultra-smooth characteristics' of this grease.

LOAD CARRYING CHARACTERISTICS

LA 191 contains select lithium and temperature-resistant thickeners that provide the level of stability required for long-distance lubrication. LA 191 ensures total surface protection on metal-to-metal contact areas between rolling and sliding frictional surfaces.

OPERATIONAL CAPABILITY

LA 191 has a marked capacity to penetrate and permeate exceedingly difficult lubricant areas. Formulated to reduce energy and maintenance costs by reducing wear and increasing lubricant life, even under the most extreme conditions. It is resistant to high pressure contact squeeze-out

between rolling and sliding contact points of ball and race, and, gear teeth sliding and roll over areas.

OXIDATION-CORROSION RESISTANCE

LA 191 includes oxidation resistant qualities that retain the fluidity and elasticity required for extended lubrication intervals. Oxidation is the forerunner of cancerous corrosion and its resultant downtime.

APPLICATION

LA 191 can be used to lubricate open spur and bevel gears, various size chain drives, slide and guide rails, and rubbing seals in steel to steel kiln and drum areas.

TYPICAL TEST	ASTM METHOD	LA 191	LA 191
NLGI Grade		0	00
Type		Hydrocarbon Oil, Lithium HydroxyStearate	
Appearance		Dark Tan	
Penetration, worked @ 25°C, after 60 strokes	D.217	355 - 385	400 - 430
Dropping Point, °C	D.2265	<225°	N/A
Oil Separation (%)	IP 121	5 max.	N/A
Copper Corrosion Test	D.4048	1B	1B
Timken OK Load, Kg	D.2509	>30	>30
4-Ball EP, Weld, Kg/f	IP 239	315	315
4-Ball Wear Scar, mm, min	D.2266	0.42	0.42
Rust Test	D.1743	Pass	Pass
Base Oil, cSt @ 40°C	D.445	180	180