

# ATLANTIC™ LVI-50 GREASE

## DESCRIPTION

ATLANTIC LVI-50 is a multi-service, non-melting, waterproof grease fortified with PTFE. It is designed specifically to lubricate, seal out water, and resist chemical attack under the most demanding conditions. ATLANTIC LVI-50 with its excellent film strength and extreme pressure qualities, forms a tough durable film of lubrication that prevents metal to metal contact. ATLANTIC LVI-50 is a pure synthetic based lubricant that is NSF/U.S.D.A. H-1 \*Registered and KOSHER approved, which gives it full acceptability for use in ALL areas where incidental food or potable water contact may occur.

## USAGE

ATLANTIC LVI-50 with its waterproof and chemical resistant capabilities is an excellent lubricant on all sliding surfaces and slow to high speed bearings, operating in adverse conditions. Because of its pure synthetic base, high load carrying capacity and wear protection characteristics, ATLANTIC LVI-50 is far superior than petroleum, white oil based greases on the market today. This makes ATLANTIC LVI-50 a truly multi-service grease in both food grade and non food grade applications operating in temperatures from -10 F to 400F. Due to its NSF/U.S.D.A. H-1 \*Registration, ATLANTIC LVI-50 is an excellent choice for both Food Processing plants, where equipment wash down is an everyday requirement and Water Industries, where contamination of conventional petroleum lubricants is a primary environmental concern. ATLANTIC LVI-50 is compatible with most rubbers and plastics and is a superior lubricant for "O" rings. Some of its diversified uses include:

M PUMP BEARINGS    M STERILIZER CHAINS  
M BUSHINGS                    M SLIDES AND WAYS  
M CAN SEAMERS    M POOL EQUIPMENT  
M VALVES    M ELECTRIC MOTORS  
M GASKETS AND "O" RINGS M WATER FILTERS  
M CONVEYORS    M UNIVERSAL JOINTS

## ADVANTAGES

M NSF/U.S.D.A. H-1 \*Registration    M CHEMICAL RESISTANT  
M WATERPROOF    M NON STAINING  
M NON-MELTING    M WIDE TEMPERATURE RANGE  
M CONTAINS PTFE    M REDUCES WEAR  
M KOSHER APPROVED    M PREVENTS RUST & CORROSION

NSF H-1 Registration No. 059323

**TYPICAL SPECIFICATIONS**

**DESCRIPTION ATLANTIC Product: LVI-50 Grease**

Color: Translucent White  
 Base Oil: Synthetic  
 Thickener: Synthetic  
 Texture: Smooth & Tenacious  
 Base Solid: PTFE  
 NSF/U.S.D.A. Rating: H-1

<u>TEST METHOD</u>	<u>ASTM TEST</u>	<u>RESULTS</u>
N.L.G.I. Grade	----	2
Worked Penetration	D-217	
60 Strokes		280
10,000 Strokes		290
Base Oil Viscosity,	D-445	
cSt @ 40C		290
cSt @ 100C		42
Pour Point, F	D-97	-10
Flash Point, F	D-92	400
Dropping Point, F	D-566	NONE
Conradson Carbon, %	D-189	.001
Evaporation Loss, %	D-972	1.5
(10 hours @ 210F)		
Corrosion Preventative Test	D-1743	PASS
Water Washout, % Loss	D-1264	1.9
Timken OK Load, lbs.	D-2509	35
4-Ball Wear Scar, mm	D-2266	0.50
(40 Kg, 1 hr. @ 1200 rpm, 167F)		
Dielectric Strength, KV	D-877	30
WGK (German Water Classification)	-----	0



**PACKAGE AVAILABILITY**

Convenient disposable gun loader 14 oz.  
 Cartridges  
 5-gal. Pail, 15-gal. Keg and 55-gal. Drum

