

### PATRON SEALATRON LITHIUM GREASE EP

#### PRODUCT DESCRIPTION :

PATRON SEALATRON LITHIUM EP is a Lithium thickened lubricating grease formulated with mineral base oil and improved with extreme pressure (EP) additives to lubricate and protect even in heavy loaded circumstances. Mechanically very stable and easily pumpable due to its smooth consistency.

#### APPLICATION :

- **SEALATRON LITHIUM EP-000 and EP-00** are particularly suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases on most underground mining machinery with the exception of electric motor gearings.
- **SEALATRON LITHIUM EP-0 and EP-1** provide good low temperature pumpability and are suitable for centralized lubrication systems and other applications where low temperature performance is required.
- **SEALATRON LITHIUM EP-2** is recommended for multipurpose applications in antifriction and plain bearings, bushings and pins under normal operating conditions.
- **SEALATRON LITHIUM EP-3** is a stiffer NLGI grade 3 grease recommended for applications where maximum protection against penetration of water or solid contaminants is required.

#### FEATURES & BENEFITS :

- Reduced wear under heavy or shock loading.
- Protection against rust and corrosion.
- Resistance to water washout.
- Extended bearing life potential.
- Good pumpability in centralized systems.
- Effective leakage control.

#### MEETS OR EXCEEDS THE :

REQUIREMENTS OF:	NLGI 000	NLGI 00	NLGI 0	NLGI 1	NLGI 2	NLGI 3
DIN 51825	-	-	-	KP1K-20	KP2K-20	KP3K-20
DIN 51826	GP000G-20	GP00G-20	GP0G-20	-	-	-

#### TYPICAL PROPERTIES:

TEST	ASTEM METHOD	PATRON SEALATRON LITHIUM EP					
		NLGI 000	NLGI 00	NLGI 0	NLGI 1	NLGI 2	NLGI 3
Thickener Type				Lithium			
Color				Light Brown			
Texture				Smooth			
Worked Penetration @ 25°C, 60 Strokes	D-217	460	415	370	325	280	235
Dropping Point, °C	D-2265	N/A	N/A	180	180	190	190
Timken EP Test, OK Load, lbs	D- 2509	40	40	40	40	40	40
4-Ball Wear, Scar, mm	D- 2266	0.4	0.5	0.4	0.4	0.4	0.4
4-Ball Weld Load, Kg	D-2596	250	250	250	250	250	250
Base Oil Viscosity @ 40°C, cSt	D-445	320	160	160	160	160	160
Operating Temperature Range, °C		-30 to 130	-30 to 130	-30 to 130	-30 to 130	-30 to 130	-30 to 130

#### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS.

#### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.