

## LSA GREASE ULTRA OG 1000

THICKENER	NLGI	TEMP RANGE	BASE OIL VISCOSITY	TACKINESS ADDITIVE	EP	WATER RESISTANCE ON A SCALE OF 3
ALUMINIUM COMPLEX	0, 00	-18° C to +150° C	>1000 cSt @ 40° C	YES	YES	3

**LSA GREASE ULTRA OG 1000** are premium high quality, semi-fluid greases with aluminum complex soap, high viscosity base oils that do not contain any asphalt. They are fortified with a synergistic combination of powerful, solid lubricants and superior extreme pressure, anti-wear packages. These products have been developed to withstand extremely heavy load, slow moving, large open gear drives operating in very hostile environments.

**LSA GREASE ULTRA OG 1000** exhibit smooth spray patterns with most spray systems able to form a strong film across heavy gear surfaces and thus reducing the grease consumption and provide better lubrication. These greases can be applied by spray systems and also through dipping or brushing procedures.

### APPLICATION

**LSA GREASE ULTRA OG 1000** are high performance service lubricants for heavily loaded gears in construction, mining, cement, iron, paper, sugar mills and other industrial equipment where extreme operating conditions prevail. These products are recommended for large open gears, bushings, rotary kilns, ball, rod and sag mills, dryers, debarking drums, excavators, shovels, large chains and other rotating machinery with open gear drives. They can be also used as wire rope lubricants due to outstanding wear and water resistance.

### FEATURES

- Semi-fluid and sprayable with a smooth pattern.
- Tacky, adhesive and high film strength on gear teeth.
- Outstanding extreme pressure EP and anti-wear AW properties.

- Excellent water resistant properties.
- Excellent thermal and shear stability.
- Asphalt and chlorine free.
- Long shelf life.

### BENEFITS

- NLGI 00 consistency provides the lubrication advantages of fluid with the tackiness characteristics of grease.
- Superior additive chemistry to protect metal surfaces during stop-run conditions and provides a long life to very expensive equipment.
- Protects gears from breakdown and wear under heavy and shock loads; thus reduces maintenance cost.
- Long retention on surfaces giving full protection under water ingress conditions.
- No breakdown or run-out over long period of use, even at high temperatures.

### TYPICAL CHARACTERISTICS

TEST	VALUE	
NLGI Grade	00	0
Colour	Black	Black
Worked Penetration @ 25°C	410	370
Timken OK load, kg	20 kg	20 kg
4-ball weld, kg	800 kg	800 kg
Water Resistance	Fully	Fully
FZG A/2, 76/50 - -load - storage	>12	>12
FZG A/2, 76/50 – specific wear, Mg/kWh	<0.2	<0.2

**Package Sizes 900 kg 180 kg 20 kg**