

# PRODUCT DATA SHEET

## Luboilmann Solidol Lithium EPW 2

*Lithium Calcium EP Grease with for Heavy Duty Applications*

### Product Description

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**Luboilmann Solidol Lithium EPW** has special lithium soap structures produced with new generation saponification technology. EP (extreme pressure), oxidation, corrosion and rust preventive additives have been added to keep the performance at a high level for a long time. PROGRESS LM W SERIES greases can be used in a wide variety of applications in industry, such as electric motor bearings, fan and wheel bearings, steel connections and other plain and rolling bearings operating under normal pressure conditions. Ideal for central lubrication systems (up to NLGI 2). Available in NLGI 00, 0, 1, 2 and 3 classes.

### Features & Benefits

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- Outstanding extreme pressure and anti-wear properties extend bearing life under heavy and shock-load conditions
- Excellent mechanical stability and resistance to softening ensures long lubricant life and prevents leak out of bearings even in the presence of water
- Very good corrosion protection and resistance to water washout resulting in improved component protection and equipment life
- Good adhesive property ensures that the grease stays in place for longer relubrication intervals.
- High drop point ensures extended operating range of up to 140°C

### Applications

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- Heavy duty equipments used in marine, off-shore, cement, mining / quarrying, agriculture & forestry / logging and other industrial applications under severe conditions.
- Off-highway applications and other arduous automotive applications like “fifth wheel lubrication”
- General lubrication of machinery, antifriction bearings, sleeve & guide bearings, oscillating bearings.

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## Typical Properties

Meets the following Specifications		
DIN 51825 KPF2N-20		
Typical Properties		
Test Parameters	Test Method	Typical Values
Colour	Visual	Yellowish/Brownie
Texture	Visual	Smooth
Thickener type		Lithium / Calcium
NLGI grade		00/0/1/2/3
Type of base oil		Mineral
Estimated operating temperature range		-24°C to 120°C 140°C for short intervals
Base oil viscosity at 40°C; cSt	D 445	200
Consistency, worked penetration 60 strokes	D 217	285
Worked penetration after 100,000 strokes; change in consistency	D 217	+10
Dropping point; °C	D 2265	195
Oil separation at 25°C for 24 hrs; %wt.	D 1742	0.5
Oxidation resistance, pressure drop; psi	D 942	2.5
Water washout at 79°C; %wt. Loss	D 1264	3.9
Four ball weld load; kgf	D 2596	315
Leakage tendency at 105°C & 6 hrs; gm	D 1263	1.4
Copper strip corrosion at 100°C for 24 hrs; rating	D 4048	1a
Rust protection	D 1743	Pass

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