

LITRAX EP2

DESCRIPTION

LITRAX EP2 is a **high-performance, extreme-pressure grease** based on **lithium-calcium complex soap** and **high-pressure mineral oil**, specially developed for **intensive professional applications**.

Its formulation incorporates a **high-performance EP additivation**, combined with **polymeric adhesion agents**, guaranteeing:

- Excellent resistance under high loads,
- High resistance to water washout,
- Long-lasting corrosion protection, even in wet or harsh environments.

The lithium-calcium structure gives the grease high **hydrophobic properties**, ensuring reliable lubrication in the presence of water, sludge or spatter.

APPLICATIONS

LITRAX EP2 is intended for the **lubrication of mechanical components subjected to medium to high loads**, operating in **humid or severe environments**.

- **Ball and roller bearings** working at low to medium speeds
- **Plain bearings** requiring good lubricating film retention and wear protection
- **Linear guides and slides** subject to splashing water and contaminants
- **Small gearboxes and sparging mechanisms** under conditions compatible with NLGI 2 grease
- **Axles, pivots, joints and general lubrication points** exposed to shock and vibration

LITRAX EP2 is particularly recommended for applications:

- Exposed to water, mud or bad weather,
- Requiring strong **adhesion** and **good resistance to washing**,
- Operating in a temperature range between **-20 °C and +140 °C**.

Areas of use: Public works, transport, agriculture and general industry.

Compatibility:

LITRAX EP2 is globally compatible with single, calcium and lithium-complex lithium-based greases.

However, to ensure optimal performance, it is recommended that the old grease be completely drained before relinsing.

In the event of unavoidable mixing, perform a compatibility test (ASTM D6185) to validate the absence of change in consistency or oil separation.

TECHNICAL ADVANTAGES

The technical characteristics of this technical data sheet are average values and do not constitute a contractual guarantee

Single correspondence address: BP 70115 56601 LANESTER cedex www.armorine.fr **Email: contact@armorine.fr**

- **Excellent resistance to water washout**, even in severe conditions
- **Enhanced adhesion** to metal surfaces thanks to stringing agents
- **Very good mechanical stability**, shear resistance and prolonged work resistance
- **Effective protection against wear and corrosion**
- **Good thermal resistance** suitable for intensive applications
- **Reliable and durable lubrication** of mechanical components exposed to moisture

FEATURES

	Methods	Unit	Results
Color	Visual	-	Green
Appearance	Visual	-	Smooth, stringy
Base Oil	-	-	HP Mineral Oil
Thickening	-	-	Lithium - calcium
Grade	NLGI	-	2
Base oil viscosity at 40°C	DIN 51 562-01	mm ² /s	250-300
Base oil viscosity at 100°C	DIN 51 562-01	mm ² /s	23
Classification DIN	DIN 51 502	-	KP2K-30
SKF Emcor test	DIN 51 802	Degree of corrosion	0-0
Worked Penetration (60 Hits)	DIN 2137	1/10 mm	265-295
Dropping Point	DIN 2176	°C	>170
4 Ball Solder Test	DIN 51 350-04	N	3200
Temperature Range		°C	-20 to 140

PRECAUTIONS FOR USE

- Thoroughly purge old fats before application.
- Adjust the lubrication frequency according to:
 - Of the load applied,
 - Rotational speed,
 - Environmental conditions (water, dust).
- Apply manually (pump, gun) or by compatible centralized system.
- For any technical request or additional information, please contact: infotech@armorine.fr

SAFETY / ENVIRONMENT

- Complies with **REACH regulations**.
- SDS available upon request.
- Store between +5 °C and +40 °C, away from moisture and contaminants.
- Dispose of packaging according to local regulations.



FICHE-TECHNIQUE

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