

PRODUCT DATA SHEET

Sika® Lube One

LUBRICATOR FOR CONCRETE PUMP HOSES AND PIPELINES

DESCRIPTION

Sika® Lube One is a specially formulated product for the lubrication of concrete pumps, hoses and pipelines prior to concreting works. It is a cost-effective replacement for slurries made from bagged cement.

USES

The long chained organic molecules of Sika® Lube One in contact with water produce a "greasy" film which lubricates the walls of the pump, pipes and hoses and thus facilitates trouble free pump starting.

Sika® Lube One has the following uses:

- Pump start of standard concrete mixes
- Pump start of shotcrete
- Pump start of mortar mixes

CHARACTERISTICS / ADVANTAGES

Sika® Lube One creates a thin lubrication film inside concrete pumps, hoses and pipelines to reduce friction and prevent blockages. Key benefits are :

- Reduces risk of blockages
- Reduces friction and line pressure thereby increasing ease of pumping
- Decreases wear on expensive capital heavy equipment and related parts
- Easily introduced into pumping equipment
- Environmental friendly product

PRODUCT INFORMATION

Chemical Base	Modified Carbohydrates
Packaging	24 x 200 g per box
Appearance / Colour	Powder, White
Shelf Life	12 months from date of production if stored properly in unopened original packaging.
Storage Conditions	Store in dry condition at temperatures +10° to +40°C. Protect from direct sunlight and frost.
Bulk Density	700 - 800 g/l at 25°C

APPLICATION INFORMATION

Recommended Dosage

Pipe length	Unit (Sachet)	Water
Upto 30 meters	1	30
30 - 60 meters	2	60
60 - 90 meters	3	90
90 - 120 meters	4	120

Dosage depend upon the condition of pipelines. For absolutely clean and new pipe line 1 sachet may be used up to 50 meters

APPLICATION INSTRUCTIONS

DISPENSING

Sika® Lube One is mixed with 30 liters of water either in drum or in the hopper of the concrete pump by reverse pumping two strokes.
Mix Sika® Lube One and water for approximately 2 minutes or until the mixture assumes a greasy condition. Add this mixture into the pump ahead of the concrete.

LIMITATIONS

Fair faced concrete:
Sika® Lube One should not come into contact with any of the desired fair faced concrete surfaces during the pump start process.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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