Technical Sheet

elesa® GEAR IND FILM

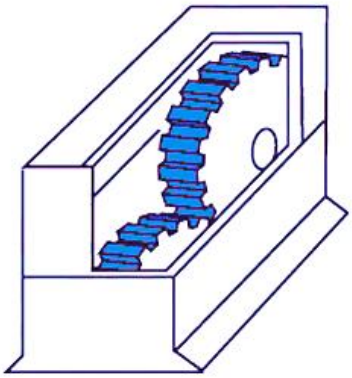
Industrial gear oils and high adhesiveness.

Definition

elesa® GEAR IND FILM Ultra-refined paraffin-based mineral lubricant oil for industrial gearboxes. Developed with high adhesiveness additives.

Sectors

- Public works
- Construction.
- Industry.
- Mining and exploration.
- Naval sector.



Properties

- Vertical open gears. Ensures good surface lubrication at all times, even at the top of the gears, and keeps them lubricated at all times before re-engaging.
- Allows work with very high pressures and slow speeds on guides, eccentrics, chains, etc. with application by brush, dip or drip.
- elesa® GEAR IND FILM 900 provides excellent performance on crane boom sliding shoes.
- elesa® GEAR IND FILM 4000 is a semi-synthetic oil. It lubricates, even under conditions with water and acids, transport chains and transmission chains in heavy industry such as steel, rolling and public works with very high loads and very slow movements. Also in the food industry where there is no chance of contact with food.
- Its high adhesiveness prevents dripping or leaking. For more severe conditions, apply elesa® CAPLEX 038 FILM.
- Great protection against scuffing.
- Appearance: Very adhesive and filamentous. Does not sag.
- Great smoothness and adhesiveness.
- Very resistant to washing with water, hot water, salt water and acids or alkalis.

Quality achieved

- DIN 51.517part. 3 (CLP)
- AGMA 9005.EO2

Electrofilm Española SA|CIF: ES A28142735
C/ Boca Alta SN, 28500 Arganda del Rey (Madrid) |Tel.: (+34) 91 871 93 60 | www.elesalubricantes.com

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Characteristics

REHEARSAL	elesa® GEAR IND FILM		
Viscosity at 40 °C, cSt	460	900	4000
Density 15 °C, Kg/l	0.891	0.92	0´91
Viscosity Index	102	>80	130
Flash Point, °C	296	>300	180
Freezing Point, °C	-9	-6	-6

The characteristics indicated reflect typical values. They should not be taken as product specifications.

Safe mode of use

The choice of application method for an industrial gear oil is crucial to ensure optimum operation and long equipment life. The selection of the method will depend on several factors, such as gear type, operating conditions, oil viscosity and maintenance requirements.

- Splash Oil Bath: The gear is partially immersed in an oil bath, allowing the lubricant to adhere to the surfaces by capillary action.
- Drop by drop: The oil is supplied through a feeder that deposits small drops on strategic points of the gear.
- Spray/Misting System: Oil is atomized and applied as a mist onto the moving gear.
- Gravity feed: Oil is supplied through a line that carries it by gravity to the lubrication point. Perform periodic inspections of lubrication systems and change oil as necessary.
- Safety: Follow safety rules when handling oils and lubrication equipment. Selecting the proper application method is critical to ensuring efficient operation and prolonging the life of industrial gears.

Safety and hygiene

There is a corresponding Safety Data Sheet in accordance with current legislation, which provides information regarding the dangerousness of the product, precautions for handling, first aid measures and available environmental data.

Storage

Store in a cool, well-ventilated place, away from heat and sunlight.
It is recommended not to store at temperatures above 25°C and below 0°C, store in a dry place away from direct light. It should be kept in the original packaging.

Can: 1lts, 5Lts
Canister: 20, 50 and 200Lts

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