



BOLDLY EXCEEDING EXPECTATIONS.

**DYNAMO
LUBRICANTS**

DYNALUX EP

HIGH PERFORMANCE EXTREME PRESSURE GREASE

Dynalux EP 0, 1, 2, 3, 00 and 000 products are a high performance family of four general-purpose industrial greases and two special-duty semi-fluid greases. These lithium hydroxy stearate greases are formulated to provide extra protection against wear, rusting and water washout. They are available in NLGI grades ranging from 00 to 3, with base oil viscosities ISO VG 150 and 320.

Dynalux EP 0, 1, 2 and 3 greases are recommended for most types of industrial applications including heavy-duty applications where high unit pressures or shock loads are present. These greases provide excellent protection against rust and corrosion and resist water wash-out which makes them particularly suitable for equipment where moist or wet conditions are common. Dynalux EP 0 and 1 are suitable for centralised systems. Dynalux EP 2 and 3 are general-purpose greases. The

recommended operating temperature range is from -20°C to 130°C but they may be used at higher temperatures if the lubrication frequency is increased accordingly.

Dynalux EP 00 and Dynalux EP 000 are particularly suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases they can also be used in many other industrial applications where conventional gear oils cannot be retained in gear cases, chain cases, etc. because of leakage due to worn or missing seals. The recommended operating temperature range is -20 to 120°C for Dynalux EP 00 and -20 to 120°C for Dynalux EP 000.

Dynalux EP greases are available in NLGI 0, 1, 2, 3, 00, 000

FEATURES & BENEFITS

Dynalux EP greases have a long history of proven performance and have demonstrated good performance in the areas of corrosion protection, low temperature pumpability and high temperature service life. A Timken OK load of 40 lb illustrates their load carrying and extreme pressure capability.

- Reduced wear under heavy or shock loading and vibration for good equipment reliability and availability.

- Protection against rust and corrosion and resistance to water washout for equipment protection and good lubrication even in presence of water.
- Extended bearing life potential in wet environments for reduced bearing costs and unanticipated downtime.
- Good pumpability in centralised systems (Dynalux EP 0 and 1)
- Effective leakage control (Dynalux EP 00 and Dynalux EP 000)

APPLICATION

- Dynalux EP 0 and EP 1 provide good low temperature pumpability and are suitable for centralised lubrication systems and other applications where low temperature performance is required.
- Dynalux EP 2 is recommended for multipurpose applications in antifriction and plain bearings, bushings and pins under normal operating conditions.
- Dynalux EP 3 is a stiffer NLGI grade 3 grease recommended for applications where maximum protection against penetration of water or solid contaminants is required.

- Dynalux EP 00 and Dynalux EP 000 are particularly suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases on most underground mining machinery with the exception of electric motor gearings. Dynalux EP 00 and Dynalux EP 000 can also be used in many other industrial applications where conventional gear oils cannot be retained in equipment such as gear cases, chain cases, because of leakage due to worn or missing seals. Dynalux EP 00 passes the SEW 1008 hour gear test requirement DR.EM.203 mod.

MANUFACTURED BY
D.K. LUBRICANTS (M) SDN BHD
SELANGOR D.E., MALAYSIA

INTERNATIONALLY MARKETED BY
KISMAT PETROLEUM TRADING PTE LTD,
SINGAPORE



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SPECIFICATION DYNALUX EP

PARAMETERS	DYNALUX EP 0	DYNALUX EP 1	DYNALUX EP 2	DYNALUX EP 3	DYNALUX EP 00	DYNALUX EP 000
NLGI Grade	0	1	2	3	00	000
Thickener Type	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium
Color, Visual	Brown	Brown	Brown	Brown	Brown	Brown
Penetration, Worked, 25°C, ASTM D 217	370	325	280	235	415	460
Viscosity of Oil, ASTM D 445						
cSt @ 40 °C	160	160	160	160	160	320
Timken OK Load, ASTM D 2509, lb	40	40	40	40	40	40
4-Ball Wear, ASTM D 2266, Scar, mm	0.4	0.4	0.4	0.4	0.5	0.4
4-Ball Weld Load, ASTM D 2596, Kg	250	250	250	250	250	250
Dropping Point, D 2265, C	190	190	190	190		
Rust Protection, ASTM D 6138, Distilled Water	0-0	0-0	0-0	0-0	0-0	0-0

These characteristics are typical of current production.

Whilst future production will conform to Dynamo specification, variations in these characteristics may occur.

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