



BOLDLY EXCEEDING EXPECTATIONS.

**DYNAMO
LUBRICANTS**

DYNALUX CA SULPHONATE COMPLEX

CALCIUM SULPHONATE COMPLEX GREASE

Dynalux CA Sulphonate Complex is a premium multipurpose grease which has been formulated to lubricate rolling element bearings in industrial machinery operating at high temperatures under wet, heavily loaded conditions.

Dynalux CA Sulphonate Complex are premium quality modified calcium sulphonate complex greases suitable for lubrication over a wide temperature range of (-)10°C to + 180°C and has excellent pumpability characteristics making it specially suitable for centralized lubrication systems of large industrial units.

FEATURES & BENEFITS

- Excellent resistance to water and corrosion. The calcium sulfonate thickener system protects against water washout and bearing corrosion under challenging conditions.
- Exceptional mechanical stability. Resists softening under mechanical shear in the presence of process water contamination.
- High load carrying properties. Excellent extreme pressure protection at low to moderate speeds is provided by the grease thickener system.
- Excellent thermal stability. Resists oxidation and oil separation at high temperatures, and provides excellent life in accelerated bearing life tests.

Dynalux CA Sulphonate Complex Greases are recommended for wide range of industrial applications where high temperatures are encountered. Dynalux CA Sulphonate Complex Grease is incorporated with solid lubricants for superior performance under conditions of high load, high temperature & ingress of water.

Dynalux CA Sulphonate Complex greases are available in NLGI 0,1, 1.5

APPLICATION

Dynalux CA Sulphonate Complex Grease are ideal choice for Steel Plant applications such as continuous casters, couplings, oscillators, run out rolls, blowers, furnace doors etc. They are also suitable for Mining Industries for applications such as rock crushers, conveyor, drilling machinery etc.

Dynalux CA Sulphonate Complex Grease is recommended for lubrication of rolling element bearings in machinery operating at high temperatures where resistance to water washing and corrosion are important. Specific examples of such applications include : • Wet-end paper machine bearings • Heavily loaded industrial ball and roller bearings • Bearings in steel mill and mining operations

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

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KISMAT PETROLEUM TRADING PTE LTD,
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SPECIFICATION OF DYNALUX CA SULPHONATE COMPLEX

PARAMETERS	Dynalux CA Sulphonate Complex 0	Dynalux CA Sulphonate Complex 1	Dynalux CA Sulphonate Complex 1.5
NLGI Grade	0	1	1.5
Thickener Type	Calcium Sulphonate	Calcium Sulphonate	Calcium Sulphonate
Color, Visual	Brown	Brown	Brown
Penetration, Worked, 25°C, ASTM D 217	370	325	300
Dropping Point, °C, ASTM D 2265	280	305	312
Viscosity of Oil, ASTM D 445			
cSt @ 40°C	220	220	220
4-Ball Weld Load, ASTM D 2596, kg	402	402	402
Timken OK Load, ASTM D 2509, kg	28	28	28
Water Washout @ 79°C, ASTM D 1264, wt%	1	1	1

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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