



## DOMINUS GREASES

### Calcium Sulfonate Complex (HL-HT-EP)

#### PERFORMANCE LEVELS: Meets and Exceeds

ISO 6743-9: L-XBFIB 1, ISO 6743-9: L-XBFIB 2, DIN 51502: KP1/2R -25, ASTM-D-4950 LB-GC or better.
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**Danzol Dominus** : Truly Multipurpose Calcium Sulfonate Complex grease for severe heavy shock loads, high temperature, extreme pressure and demanding environment particularly having water, dust and extreme operating temperatures.

- Heavy shock load
- Extreme pressure at elevated temperatures
- Continuous heavy and shock load even in severe demanding applications (water, dust, high temperature).
- Anti-corrosion
- Water resistance

#### Typical Physical Properties :

Properties	ASTM	CLX-1-220	CLX-2-220	CLX-1-460	CLX-2-460
NLGI Grade	D217	1	2	1	2
Penetration (60 Stroke)	D217	320-335	275-290	320-335	275-290
Thickener	Declared	Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex
Color	Visual	Brown/Blue/Green/Amb	Brown/Blue/Green/Amb	Brown/Blue/Green/Amb	Brown/Blue/Green/Amb
Base Oil	Declared	Mineral Blend	Mineral Blend	Mineral Blend	Mineral Blend
Base Oil Viscosity cSt@40°C	D445	220	220	460	460
Temperature of Use	D2265	180°C **	180°C **	180°C **	180°C **
Melting Point	D566	>300°C	>300°C	>300°C	>300°C
Odor	Visual	Agreeable	Agreeable	Agreeable	Agreeable
Non-Corrosive	D1743	Pass	Pass	Pass	Pass
Four Ball Wear scar dia, mm, max	D2266	0.4	0.4	0.4	0.4
Four Ball EP Weld, kg, min	D2596	>800	>800	>800	>800
Storage Temperature*	Declared	25°C	25°C	25°C	25°C
Shelf Life*	Declared	5 Years*	5 Years*	5 Years*	5 Years*
Pumpability (Long distance)	Declared	Excellent	Fair	Good	Fair

\*Stored at room temperature and unopened container.

\*\* If bearings operating near or above recommended temperatures, re-greasing intervals should be reviewed.

#### Application:

Applications for Danzol Dominus Calcium Sulfonate Complex greases include steel mills, paper manufacturing mills, cement, mining, automotive, agricultural, construction and food industry.

#### Steel Mills and Paper Industry:

In steel plants, greases for bearing lubrication are subject to high loads, high heat and water. Danzol Dominus CLX-460 grease is suitable for the lubrication of bearings in steel plants, continuous castings and rolling mills.

Comparing In a transportation roller bearing or similar application in a hot rolling mill to other commercial greases found in steel mills, Danzol Dominus CLX-460 grease performs exceptionally well even when operating temperatures were above 150°C. Danzol Dominus Calcium Sulfonate Complex offered a significant improvement in performance, bearing life and extended re-greasing intervals in steel mills and paper manufacturing industry.

**Automotive:**

Automotive applications for **Danzol Dominus CLX** greases include but not limited to chassis, ball joints, universal joints and wheel bearings. Extended service life even at continuous high temperature applications such as bearings in automotive disk and drum brakes. resistance and good thermal stability required.

**Industrial Applications:**

Industrial applications include electric motors, continuous casters, conveyors, ball mills, crushers and off-shore applications.



**Packaging:**

- 0.5 KG** plastic or metal can (Carton of 24 pcs)
- 1 KG** plastic or metal can (Carton of 12 or 24 pcs)
- 2 KG** plastic pail
- 5 KG** plastic pail
- 15 KG** plastic or metal pail
- 20 KG** metal pail