



For total industrial lubricant solutions



# Velvex Graphite Grease (Calcium Base)

NLGI NO. 1, 2 & 4

IS: 508 - 1987 (RA 2004) specification for Grade 1.

## Product Data Sheet

**DESCRIPTION:** VELVEX GRAPHITE GREASE (Calcium Base) is high performance calcium based grease, manufactured from superior quality graphite powder and base stocks. This grease is having moderately high drop points, high resistance to oxidation and water, good sealing property and suitable as a lubricant under comparatively high load and relatively low displacement of inter - moving surfaces.

**APPLICATION:** VELVEX GRAPHITE GREASE (Calcium Base) is recommended for plungers, slides, elevator cables, steel wire ropes, chain drives, hoists, forklifts, sprockets, pulley, leaf - springs, hydraulic rams, slow speed open gear etc. this is also suitable for plain bearing operating in wet condition and as an anti - seize compound in special cases.

**PERFORMANCE LEVEL:** Meets the requirements of IS: 508 - 1987 (RA 2004) specification for Grade 1.

## Typical Properties

CHARACTERISTICS	GRAPHITE GREASE (Calcium Base)		
Grade	NLGI No. 1	NLGI No. 2	NLGI No. 4
Type of Thickener	Calcium	Calcium	Calcium
Solid Lubricant	Fine Graphite	Fine Graphite	Fine Graphite
Colour	Black	Black	Black
Worked Penetration, 60 stroke, @ 25°C	310 - 340	265 - 295	175 - 205
Drop Point °C, Min.	95	95	95
Graphite content, % by weight	6 to 15	4.5 to 5.5	4.5 to 5.5
Four Ball Weld Load, Kgs ,Min.	325	325	325
Base oil Viscosity @40°C,cSt	61.2 to 74.8	110 Min.	61.2 to 74.8
Base oil Flash Point,COC,°C,Min.	160	175	160
Packaging: 180 Kg.			