



# EXCELLENCE INTERNATIONAL

## FREE ZONE COMPANY

*We do common things in an uncommon way...*

### AUTOMOTIVE GREASE

#### General Purpose Grease (Calcium Based Grease) No. 2 & 3:

General Purpose Grease for general chassis lubrication of automotive vehicles, tractors, agricultural equipments, farm equipment and bearings in water pumps.

Mostly our Grease is supplied in Reconditioned Drums (Net Weight 175 KGS Minimum)

Other possible packing: 500 Gms / 1 KG / 3 KGS / 5 KGS / 15 KGS (Metal / Plastic)

#### Multi Purpose Grease (Lithium Based) No. 2 & 3:

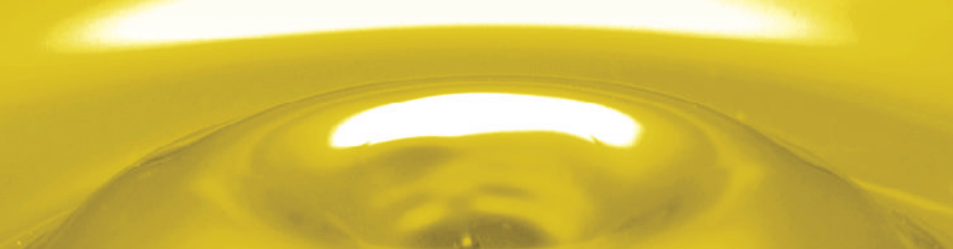
Very smooth texture, excellent mechanical and thermal stability made with HVI Oil. Used in all types of Automotive, Industrial equipment and bearings which operate at high temperatures.

Packing - 500 Gms / 1 KG / 3 KGS / 5 KGS / 15 KGS / 180 KGS (Metal / Plastic)



#### VIRGIN BASE OIL – SN 600 (Tehran)

S. N.	PROPERTY	VALUE
1	Color	Yellow / Cream / Brown / Red
2	Penetration Class	NLGI 2
3	Worked Penetration	After 60 Strokes
4	Type of Thickener	Calcium Soap
5	Dropping Point	7 to 110
6	Maximum Usable Temperature	100 DEG. C
7	Reaction	Neutral to Weakly Acidic
8	Water Resistance	Practically Resistant





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#### LITHIUM GREASE – AP3 NLGI-3

S. N.	PROPERTY	TEST METHOD	REQUIREMENT	TYPICAL TEST DATA
1	Consistency of the worked grease at $25 \pm 0.5^\circ\text{C}$ :	D-217	220-250	235
	a) 60 double strokes			
2	Free Organic Acidity (As Oleic Acid) % by mass, Max.	IP-37	0.2	Nil
3	Free Alkalinity (As LiOH), percent by mass, Max	IP-37	0.2	0.05
4	Drop point, $^\circ\text{C}$ , Min	D-556	180	192
5	Kinematic viscosity of mineral oil cSt $100^\circ\text{C}$ min.	D-445	9-13	11
6	Copper strip corrosion, at $100^\circ\text{C}$ for 24 h.	IP-112	Negative	Passes
7	% with Oil separation on storage 18 hours @ $40^\circ\text{C}$	----	4.0 Max.	----
8	Leakage tendency Wheel Bearing test Wt. % Max. (Typical)	----	5.0	5.0
9	Oxidation stability drop in pressure kg. f/cm <sup>2</sup> , (100 hrs)	----	0.5 Max	0.5

