



AP3 Grease

Product Description

NEI AP3 is a general-purpose Lithium soap base grease made from base oils having good thermal stability and high degree of resistance to oxidation and protection against rusting & corrosion.

Features and Benefits:

NEI AP3 grease is formulated with the advanced technology formulation to demonstrate good performance in the areas of corrosion protection, low temperature, and high temperature service life.

- Cost effective performance in application where frequent re-greasing is necessary
- Resistant to water
- Reduced wear under heavy or shock and vibration for equipment reliability
- Good Oxidation and Thermal stability

Properties and Specifications

Sr. No	Characteristics	Test Method	Typical Value	Min. Value	Max Value	Unit	Result
1	SOAP TYPE						LITHIUM
2	NLGI CONSISTENCY	IS 1448 P : 60	NO 3				NO 3
3	WORK PENETRATION	IS 1448 P : 60		220	250	0.1 mm	240
4	FREE ORGANIC ACIDITY	IS 1448 P : 53	0.3				0.2
5	FREE ALKALINITY (as LiOh)	IS 1448 P : 53	0.2				0.1
6	DROP POINT	IS 1448 P : 52		180		°C	MIN 185
7	APPEARANCE	VISUAL					SMOOTH
8	BASE OIL VISCOSITY @40	IS 1448 P : 59	100			cSt	100
9	VISCOSITY INDEX		90				92
10	COPPER STRIP CORROSION	IS 1448 P: 51	NEGATIVE				NEGATIVE
11	WATER WASH OUT	IS 1448 P : 90	5% MAX			%	1% MAX
12	ROLL STABILITY	ASTM 1831	25				7 MAX
13	WHEEL BEARING LEAKGE	ASTM D 1263	5				3 MAX
14	OXIDATION STABILITY	IS 1448 P : 94				Bar	0.5 MAX
15	OPERATING TEMPERATURE					°C	-20 TO 120 °C

Application

- Wheel Bearing of all types of light and heavy commercial bearing
- Used in all types of industries as Multipurpose grease
- Meets IS 12203: 99 (Reaffirmed 2009) specification

Product range

AP3:-100/200/500 gm, 1/2/3/5/7/20/180 kg

N75K Grease

Product Description

NEI N75K grease is a non-lithium, complex soap base grease made base oils having good thermal stability and high degree of resistance to oxidation and protection against rusting & corrosion.

Features and Benefits:

NEI N75K grease is formulated with the advanced technology formulation to demonstrate good performance in all areas.

- Resistant to water
- Good Oxidation and Thermal stability
- Excellent structural stability

Application

- Wheel Bearing of all types of light & heavy commercial bearing
- Used in all types of industries as Multipurpose grease

Properties and Specifications

Sr. No	Characteristics	Test Method	Typical Value	Min. Value	Max Value	Unit	Result
1	SOAP TYPE						LITHIUM
2	NLGI CONSISTENCY	IS 1448 P : 60	NO 3				NO 3
3	WORK PENETRATION	IS 1448 P : 60		220	250	0.1 mm	240
4	DROP POINT	IS 1448 P : 52		160		°C	0.2
5	APPEARANCE	VISUAL					0.1
6	BASE OIL VISCOSITY @40	IS 1448 P : 59	120			est	MIN 185
7	VISCOSITY INDEX		90				SMOOTH
8	COPPER STRIP CORROSION	IS 1448 P : 51	NEGATO				100
9	ROLL STABILITY	ASTM 1831					92
10	WHEEL BEARING LEAKAGE	ASTM D 1263					NEGATIVE
11	WATER WASH OUT	IS 1448 P : 90				%	1% MAX
12	OXIDATION STABILITY	IS 1448 P : 94				Bar	7 MAX
13	OPERATING TEMPERATURE					°C	3 MAX

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product.



Product range

N75K: 100/200/500 gm, 1/2/3/5/7/10/18/180 kg

