

HP CHASSIS GREASE

HP CHASSIS GREASE IS A CALCIUM SOAP GREASE

DESIGNED FOR GENERAL CHASSIS LUBRICATION. ALSO RECOMMENDED FOR THE LUBRICATION OF TRACK ROLLERS AND IDLERS OF CERTAIN CRAWLER TYPE TRACTORS.

- EXCELLENT WATER RESISTANCE
- LASTING QUALITIES IN SPRING SHACKLES AND STEERING CONNECTIONS.
- ACTS AS PROTECTIVE LAYER ON EXPOSED PARTS .
- CLINGS TO BEARING SURFACES.

APPEARANCE	BRIGHT, SHINY AND TACKY
CONSISTENCY OF THE GREASE, A 25 ± 0.5 °C, 0.1 MM UNITS WORKED, 60 STROKES MIN MAX	290 320
DROPPING POINT, °C MIN	90
FREE ALKALINITY, AS CA (OH) ₂ , % WT, MAX	0.15
FREE ACIDITY, AS, OLEIC ACID, % WT	0.15

HP WHEEL BEARING GREASE

HP WHEEL BEARING GREASE IS A SODIUM SOAP GREASE
MEETS IS : 10647 : 1988

RECOMMENDED FOR LUBRICATION OF UNIVERSAL JOINTS,
WHEEL BEARINGS, HIGH TEMPERATURE CLUTCH
RELEASE, GENERATOR AND FAN BEARINGS.

- TROUBLE FREE LONG SERVICE
 - GOOD STRUCTURAL STABILITY UNDER HIGH
TEMPERATURE OR CENTRIFUGAL FORCE
- EASILY PUMPABLE & DO NOT CHANNEL WHEN COLD

APPEARANCE	SMOOTH AND HOMOGENEOUS
CONSISTENCY OF THE GREASE, A 25 ± 0.5 °C, 0.1 MM UNITS UN WORKED, 60 STROKES MIN MAX	240 280
WORKED, 60 STROKES MIN MAX	250 280
DROPPING POINT, °C MIN	178
CORROSION COPPER STRIP, @ 100°C FOR 24 HRS, MAX	NEGATIVE
FREE ALKALINITY, AS CA (OH) ₂ , % WT, MAX	0.25
FREE ORGANIC ACIDITY, AS, OLEIC ACID, % WT	0.25
TILTED WHEEL BEARING TEST : LEAKAGE, gms (HP test) SLUMP TEST, MAX	5 PASS
HEAT STABILITY, @ 100°C FOR 30 HRS, % WT OIL SEPARATED, MAX	6
WATER, % WT MAX	1

HP MULTIPURPOSE GREASE 2, 3

HP MULTIPURPOSE GREASE 2,3 ARE PREMIUM QUALITY MULTIPURPOSE AUTOMOTIVE GREASES BASED ON LITHIUM SOAP.

RECOMMENDED FOR ALL CLASSES OF SERVICE IN AUTOMOTIVE LUBRICATION
MEETS IS : 12203 : 1987

- HIGH DROP POINT
- GOOD THERMAL STABILITY
- HIGH DEGREE OF RESISTANCE TO OXIDATION
- PROTECTION AGAINST RUSTING & CORROSION

	2	3
APPEARANCE	SMOOTH AND HOMOGENEOUS	SMOOTH AND SLIGHTLY FIBROUS
CONSISTENCY OF THE GREASE, A 25 ± 0.5 °C, 0.1 MM UNITS	SHALL NOT DIFFER FROM WORKED 60 X BY MORE THEN 10 UNITS	SHALL NOT DIFFER FROM WORKED 60 X BY MORE THEN 10 UNITS
WORKED, 60 STROKES MIN MAX UN WORKED	265 280	220 250
WORKED 10000 STROKES	SHALL NOT DIFFER FROM WORKED 60 X BY MORE THAN 30 UNITS	SHALL NOT DIFFER FROM WORKED 60 X BY MORE THAN 30 UNITS
DROPPING POINT, °C MIN	180	180
FREE ALKALINITY, AS LIOH, % WT, MAX	0.1	0.1
FREE ORGANIC ACIDITY, AS, OLEIC ACID, % WT	NIL	NIL
HEAT STABILITY, @ 100°C FOR 30 HRS, % WT OIL SEPARATED, MAX OLEIC ACID	5	5

HP LAAL GHODA AP GREASE

HP LAAL GHODA AP GREASE PREMIUM QUALITY ALL PURPOSE GREASE BASED ON LITHIUM SOAP

RECOMMENDED FOR ALL AUTOMOTIVE GREASING PURPOSE

- EXCELLENT WATER RESISTANCE AND THERMAL STABILITY
- HIGH DEGREE OF RESISTANCE TO OXIDATION CORROSION
- DOES NOT SEPARATE UNDER HIGH TEMPERATURE AND CENTIFUGAL FORCE

APPEARANCE	LIGHT YELLOW, SMOOTH & UNIFORM
CONSISTENCY OF THE GREASE, @ 25 ± 0.5 °C, 0.1 MM UNITS UN WORKED,	SHALL NOT DIFFER FROM WORKED 60 X BY MORE THEN 10 UNITS
WORKED, 60 STROKES MIN MAX	250 275
WORKED 10000 STROKES	SHALL NOT DIFFER FROM WORKED 60 X BY MORE THAN 30 UNITS
FREE ALKALINITY, AS LI(OH), % WT, MAX	0.1
FREE ORGANIC ACIDITY, AS, OLEIC ACID, % WT	NIL
HEAT STABILITY, @ 100°C FOR 30 HRS, % WT OIL SEPARATED, MAX	5
DROP POINT DEG C	180

HP LITHON RR – 3

HP LITHON RR – 3 IS A PREMIUM QUALITY LITHIUM BASE MULTIPURPOSE GREASE

MEETS AARM – 942 (MODIFIED), IS 7623 SPECIFICATION AND WD – 17 OF INDIAN RAILWAYS.

RECOMMENDED FOR USE IN ANTIFRICTION BEARINGS OF RAILWAY AXLE BOXES, HEAVY DUTY WHEEL BEARINGS OF ROAD TRANSPORT VEHICLES, DIESEL/ELECTRIC LOCOMOTIVE ROLLER BEARINGS, CONSTRUCTION MACHINERY, CRANES, BLOWERS AND ELECTRIC MOTORS.

- PROLONGED REGREASING PERIOD
- EXCELLENT SHEAR STABILITY
- ENHANCED COMPONENT LIFE
- SURFACE ADHESION
- REDUCED DOWN – TIME
- NON AGEING
- SUBSTANTIAL SAVING IN MAINTENANCE AND RUNNING COSTS

APPEARANCE	SMOOTH & UNIFORM
CONSISTENCY OF THE GREASE, @ 25 ± 0.5 °C, 0.1 MM UNITS WORKED, 60 STROKES MIN MAX	220 250
WORKED 100000 STROKES	SHALL NOT DIFFER FROM WORKED 60 X BY MORE THAN 25 UNITS
DROPPING POINT, °C, MIN	180
FREE ALKALINITY, AS LIOH, % WT, MAX	0.2
FREE ORGANIC ACIDITY, AS, OLEIC ACID, % WT	0.3
CORROSION COPPER STRIP, @ 100°C FOR 24 HRS,	NEGATIVE
HEAT STABILITY, @ 100°C FOR 30 HRS, % WT OIL SEPARATED, MAX	5

HP AP 3 GREASE

HP AP 3 GREASE IS A PREMIUM QUALITY. ALL PURPOSE AUTOMOTIVE GREASE.

RECOMMENDED FOR ALL TYPES OF WHEEL BEARINGS USED IN AUTOMOBILES. E.G. HEAVY DUTY, LIGHT COMMERCIAL AND PASSENGER VEHICLES.

MEETS IS : 7623

- EXCELLENT THERMAL AND OXIDATION STABILITY
- RESISTANCE TO WATER WASH OUT
- SUPERIOR PROTECTION AGAINST RUSTING & CORROSION
- LONGER BEARING LIFE

APPEARANCE		SMOOTH AND HOMOGENEOUS
COLOR		Light Yellow
CONSISTENCY OF THE GREASE @ 250C		
WORKED 60 STROKES	MIN	220
	MAX	250
DROPPING POINT, °C, MIN		180
FREE ALKALINITY, AS LIOH, % WT, MAX		0.15
HEAT STABILITY, @1000C, 30 HRS, MAX		5