

# Automotive Components

*Customized range of  
Speciality Lubricants for  
Automotive Components*





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## High-performance lubricant solution empowering the Automotive Industry with superior efficiency and exceptional results.

At Molygraph, we understand that the Automotive industry has diverse and critical requirements of speciality lubricants. With over 30 years of experience in developing “tailor-made” solutions, our automotive greases have been formulated with special thickeners and premium additives ensuring compliance with technological requirements of the Automotive Industry.

*Molygraph lubricants speciality synthetic products provide unsurpassed performance in Automotive applications. Molygraph works with esteemed Auto OEM and component manufacturers to develop unique & proprietary chemistries.* From the perfect tactile feel of interiors to achieving top performance from motors, cables, switches, etc.

### OPERATING CONDITIONS

- |                                       |                           |
|---------------------------------------|---------------------------|
| ↗ Lifetime lubrication                | ↗ Corrosion protection    |
| ↗ Noise dampening                     | ↗ Durability              |
| ↗ Material & Electrical compatibility | ↗ Wide service temp range |

### Sunroof

Slider / rail /  
bowden cable  
LSG 100 F  
AUTO G 35 MV2 F

### Windshield Wiper

Wiper motor  
AUTO G 35 MV2

Wiper linkages  
SG 120 PREMIUM  
AUTO G 14 E2

Wiper motor gear system  
AUTO G 35 MV2 F

### Starter Motor

Helical Spline /  
Planetary gear /  
Relay armature  
AUTO G 35 MV2  
AUTO G 11 A2 M  
AUTO G 11 A2 F

Pinion bearing, bush,  
sleeve with lube pocket  
ULTRASYN PREMIUM

Over Riding Clutch  
LSG 44 M

### EGR Valves

Bearings & Gears  
FLUROTEMP 512

### Brakes

Elastomer Seal /  
Caliper pins / Bolts  
AUTO G 101 Q1 / 0

### Parking Brakes

Ratchet & Pawl  
AUTODAMP 16 J2

Cable & Actuators  
LSG 100 F / LSG 500 F

### Window Regulator

Rail, Rope, Slider, Pulley  
ULTRASYN PREMIUM  
AUTO G 35 MV2 F  
AUTO G 23 A2  
SG 120 PREMIUM

Brake Housing  
AUTO G 11 A2 M  
BRB 60

Gear Box  
ULTRASYN PREMIUM  
AUTO G 35 MV2 F

### Doors

Door Handles  
AUTO G 35 MV2 F  
AUTO G 14 D2

Latches  
AUTO G 14 D2  
AUTO G 35 MV2 F

### Seat

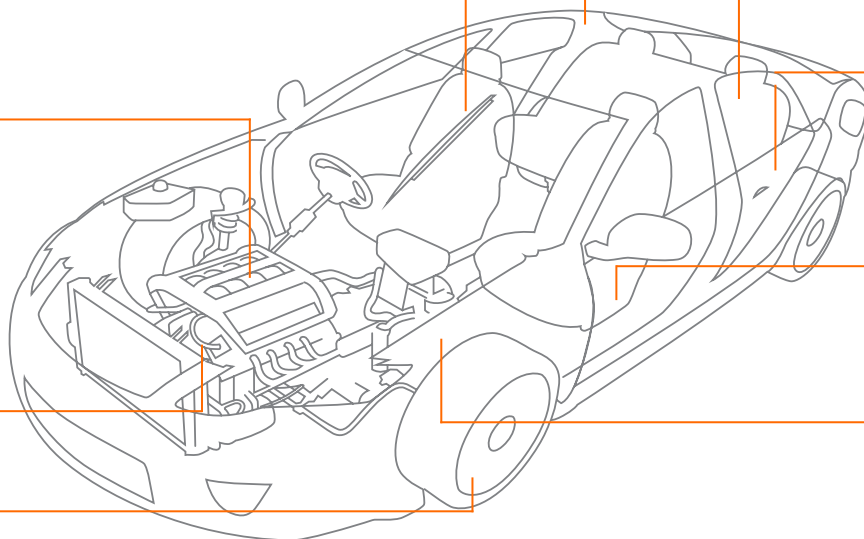
Seat Slider  
AUTO G 14 SR D2

Seat Recliner  
AUTODAMP 82 L2 F

### Suspension

Strut bearing  
AUTODAMP 16 J2  
AUTODAMP 82 L2 F

Shock absorber-Lip Seal  
ULTRASYN PREMIUM  
BRB 30



### Dashboard

AUTODAMP 16 J2  
AUTODAMP 82 L2 F

### Ajustment Switch Mirror

AUTODAMP 16 J2  
AUTO G 11 A2 F  
FLUROTEMP 512

### HVAC Vents / Control Knobs

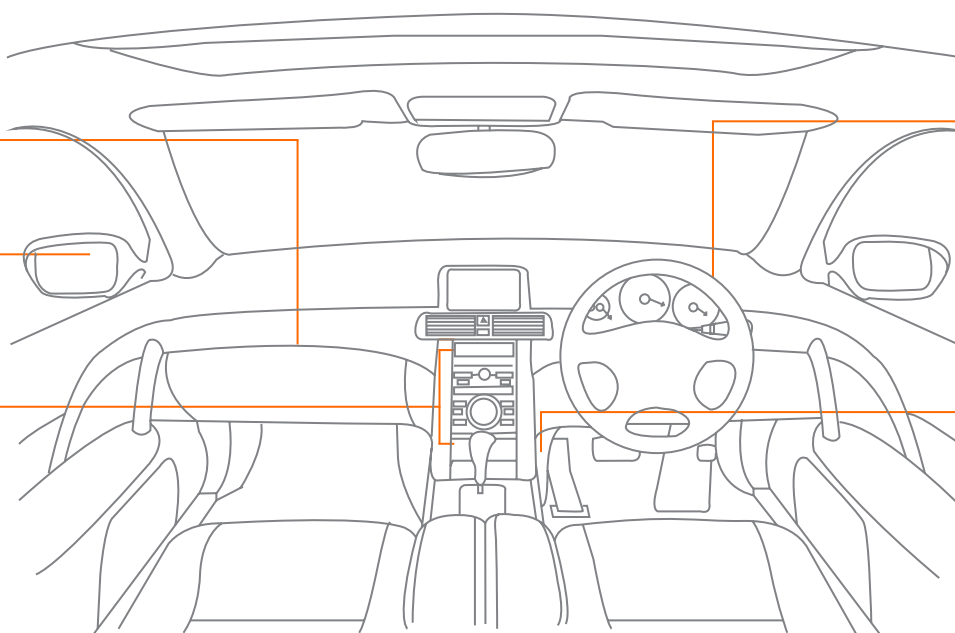
ULTRASYN PREMIUM  
AUTO G 11 A2 F  
AUTODAMP 82 L2 F  
LSG 100 F  
AUTODAMP 16 P1

### Multifunction Switches

AUTODAMP 16 P1  
AUTODAMP 82 L2 F

### Cable System

Accelerator, Brake,  
Clutch actuator cable,  
HVAC Cables, Door  
Latch Cables,  
Sunroof cables  
LSG 100 F  
SF 500  
SF 1000  
AUTODAMP 15 J00 FX  
AUTODAMP 82 L2 F



## Interior

APPLICATION	LUBE POINTS	FEATURES & BENEFITS	PRODUCT
Seat	Slider Rail	Lithium-Calcium grease for long term lubrication on seat slider mechanism.	AUTO G 14 SR D2
	Recliner	Synthetic grease with PTFE for noise reduction & mechanical dampening.	AUTO DAMP 82 L2 F
Dashboard	Column Controls, Visors, Mirrors, Gear Shifter	Semi synthetic lithium grease for in car modules - HMI.	AUTO DAMP 16 J2
		Synthetic grease with PTFE for noise reduction & mechanical dampening.	AUTO DAMP 82 L2 F
	Adjustment Switch-Mirror, Cock-pit console	Semi synthetic Lithium grease for car modules - HMI.	AUTO G 35 MV 2
		EP / AW additive and thermally stable selected base oil and thickener.	AUTO G 11 A2 F
		PTFE thickened, fluorinated, synthetic non-melt grease for lifetime lubrication.	FLUROTEMP 512
	Multi funtional switches	Semi synthetic high viscosity grease for HVAC system.	AUTO DAMP 16 P1
		Synthetic grease with PTFE for noise reduction & mechanical dampening.	AUTO DAMP 82 L2 F
	HVAC Vents / Control Knobs	Dynamically light grease with synthetic base oil; high efficiency & low friction.	ULTRASYN® PREMIUM
		Synthetic blend fortified with microfine PTFE for longterm lubrication.	AUTO G 11 A2 F
		Synthetic grease with PTFE for noise reduction & mechanical dampening.	AUTO DAMP 82 L2 F
		PTFE fortified lithium silicone grease for lubrication of automotive control.	LSG 100 F
		Semi synthetic high viscosity grease for HVAC system.	AUTO DAMP 16 P1

## Chassis

APPLICATION	LUBE POINTS	FEATURES & BENEFITS	PRODUCT
Brakes	Elastomer Seal / Caliper pins / Bolts	Lithium Complex, Poly Glycol base grease with excellent wear protection, high load-carrying capacity & good adhesion; seal compatability.	AUTO G 101 Q 1 / 0
Parking brake	Ratchet & Pawl	Semi synthetic Lithium grease fortified with EP additives for lifetime reliability.	AUTO DAMP 16 J2
	Cable & Actuators	PTFE fortified Lithium-Silicone Grease with wide operating temperature range.	LSG 100 F / LSG 500 F
Suspension	Strut bearing	Semi synthetic grease for in car modules for dampening and lifetime lubrication.	AUTO DAMP 16 J2
		Semi synthetic greasewith PTFE for noise reduction & mechanical dampening.	AUTO DAMP 82 L2 F
	Shock absorber-Lip Seal	Dynamically light grease with synthetic base oil; high efficiency & low friction.	ULTRASYN® PREMIUM
		High performance EP moly grease for medium loads.	BRB 30
Cable Systems	Accelerator, Brake, Clutch actuator cable, HVAC Cables, Door Latch Cables, Sunroof Cables	PTFE fortified lithium silicone grease for lubrication of automotive control cables.	LSG 100 F
		Medium viscosity, high performance silicone fluid for multi purpose application.	SF 500
		High viscosity, high performance silicone fluid for multi purpose application.	SF 1000
		PTFE fortifed synthetic grease for dampening for gear shifters, latches, control cables etc; ultra low friction.	AUTO DAMP 15 J00 FX
		Synthetic grease with PTFE for noise reduction & mechanical dampening; medium viscosity.	AUTO DAMP 82 L2 F
		Semi-synthetic grease for in car modules; low-medium viscosity; noise reduction & mechanical dampening.	AUTO DAMP 16 J2



## Body & Exterior

APPLICATION	LUBE POINTS	FEATURES & BENEFITS	PRODUCT
Sunroof	Slider / rail / bowden cable	PTFE fortified lithium-silicone grease with wide operating temperature range.	LSG 100 F
		Synthetic grease with PTFE for plastic - plastic; plastic-metal; metal-metal substrate.	AUTO G 35 MV2 F
Windshield wiper	Wiper Linkages	High performance water resistant grease.	SG 120 PREMIUM / AUTO G 14 E2
	Wiper Motor Gear System	PAO based long life lithium grease for moderate movements & light loads.	AUTO G 35 MV2 F
		Synthetic grease with PTFE for plastic-plastic; plastic-metal; metal-metal substrate.	AUTO G 11 A2 F

## Vehicle Access System

APPLICATION	LUBE POINTS	FEATURES & BENEFITS	PRODUCT
Door Handles	Metal-Metal; Metal-Plastic; Plastic-Plastic contact points	Synthetic grease with PTFE for plastic-plastic; plastic-metal; metal-metal substrate.	AUTO G 35 MV2 F
		Lithium-Calcium thickened mineral oil base grease with excellent mechanical stability.	AUTO G 14 D2
Latches	Metal-Metal; Metal-Plastic; Plastic-Plastic contact points	Synthetic grease with PTFE for plastic-plastic; plastic-metal; metal-metal substrate.	AUTO G 35 MV2 F
		Lithium-Calcium thickened mineral oil base grease with excellent mechanical stability.	AUTO G 14 D2
Window Regulators	Rail, Rope, Slider, Pulley	Dynamically light grease with synthetic base oil for lifetime lubrication.	ULTRASYN® PREMIUM
		Synthetic grease with PTFE for plastic-plastic; plastic-metal; metal-metal substrate.	AUTO G 35 MV2 F
		Lithium-Calcium thickened mineral oil base grease for Window Regulator Sliders, guides and small gear.	AUTO G 24 A2
		High performance water resistant grease.	SG 120 PREMIUM
	Brake Housing	Lithium soap; synthetic blend fortified with MoS <sub>2</sub> for long term lubrication.	AUTO G 11 A2 M
		Mineral based lithium grease with MoS <sub>2</sub> & EP additives for tough working conditions; economic solution.	BRB 60
	Gear Box	Dynamically light grease with synthetic base oil for lifetime lubrication.	ULTRASYN® PREMIUM
		Synthetic grease with PTFE for plastic-plastic; plastic-metal; metal-metal substrate.	AUTO G 35 MV2 F

## Underhood

APPLICATION	LUBE POINTS	FEATURES & BENEFITS	PRODUCT
EGR Valves	Bearings & Gears	PTFE thickened fluorinated synthetic non-melt grease for high temperature application; lifetime lubrication.	FLUROTEMP 512
Starter motor	Helical Spline / Planetary gear / Relay armature	EP / AW additive and thermally stable selected base oil and thickener.	AUTO G 11 A2 F / AUTO G 11 A2 M
	Pinion bearing, bush, sleeve with lube pocket	Dynamically light grease with select PAO base oil and additive package.	ULTRASYN® PREMIUM
	Over Riding Clutch	Dynamically light, special synthetic Silicone base oil and Lithium thickener.	LSG 44 M

# Accelerating industrial performances across the world

Designed by empiric designs



## Efficient lubrication solutions to drive industries forward

Molygraph is India's leading engineered lubricants company. For over 32 years we have mastered the art of making high quality speciality lubricants for various industries & applications. At the core of each of our products lies our strong emphasis on Research & Development and a deep understanding of the client's expectations, which helps us deliver optimal solutions.

The consultative selling approach lays emphasis on value creation for our clients & has led Molygraph to be a front runner in the speciality Lubricants market in India as well as developing a global footprint with a presence in over 25 countries around the world.

### BUSINESS VERTICALS

- Animal Feed
- Automotive Components & Manufacturing
- Cement
- Food
- Forging
- Metal Cutting & Forming
- Mining
- MRO
- Oil & Gas
- Pharmaceutical
- Plastic Moulding
- Pulp & Paper
- Punching & Stamping
- Steel
- Sugar
- Textile
- Wind Power

### PRODUCT LINE

- Aerosol Sprays
- Cleaners & Degreasers
- Dispersions
- Lubricating Greases & Pastes
- Lubricating Oils
- Metal Forming Fluids
- Rust Preventives
- Solid Lubricants
- Thread Dope Compounds

### PRODUCT APPLICATIONS

- Bearings
- Chain & Wire Ropes
- Conveyor Chains
- Forging & Extrusion
- Gears
- Metal Cutting & Grinding
- Metal Punching & Stamping
- Nuts, Bolts & Threads
- Sheet Metal Drawing
- Valves

