



Quick Reference Matrix of Paste


Product number	LM-32[※]	LM-82	LM-0801	LM-83	LM-901
Product Name	NV Albina	Booster #100	Paste Spray	Booster	Aluminum Special
Type	Paste	Paste	Aerosol	Paste	Paste
Color	Grayish black	Grayish black	Grayish black	Grayish black	Silver gray
NLGI	2	2	-	1	-
OT	-35 ~ 450°C	-35 ~ 450°C	-15 ~ 200°C	-20 ~ 160°C	-60 ~ 1200°C
Withstand Pressure Load	◎	◎	○	◎	◎
Heat Resistance	◎	◎	○	△	◎
Cold Resistance	○	○	△	△	◎
Use	For heat resistance High load resistance	For assembling adjusting	For assembling adjusting	For high-class assembling adjusting	For ultra-high temperature Not available for sliding parts

● Paste

	LM-32[※] NV Albina (for heat resistance and high-load resistance)				
	Composed of polyalkylene glycol mixed with MoS ₂ . Vaporizes base oil completely at 200°C and over, and becomes dry lubricant composed of MoS ₂ only.				
NLGI	PV value (MPa·m/sec)	Pressure resistance load (MPa)	Friction coefficient (μ)	Major use	Package size
No.2	17	274	0.12	1. Turbine blade embedding 2. Bolt tightening of hot parts 3. Bearings vibrating at a low speed such as regulator valves, etc.	1kg / 6can box 2.5kg / 6can box 16kg / pail can

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	LM-82 Booster #100 (for assembling adjusting)				
	Paste type product mixed MoS ₂ with high-class lubricant oil in high concentration. Has good adhesion to metals and forms MoS ₂ film in a short time.				
NLGI	PV value (MPa·m/sec)	Pressure resistance load (MPa)	Friction coefficient (μ)	Major use	Package size
No.2	13	147	0.09	1. Bearings of worms, bevel gears with high load sliding rate 2. Burn-in and cling prevention of various joints 3. Adjusting of high-speed rotation parts and fritting corrosion prevention	1kg / 6can box

	LM-0801 Paste Spray (for assembling adjusting)				
	Make a high performance LM-82 booster #100 an aerosol product mixed with MoS ₂ in high concentration for easy use.				
NLGI	PV value (MPa·m/sec)	Pressure resistance load (MPa)	Friction coefficient (μ)	Major use	Package size
-	13	147	0.09	1. Adjusting of high-speed rotation parts and fritting corrosion prevention 2. Sliding surfaces of various oil seals 3. Assembling adjusting auto parts	300ml / 24bottle box



LM-83 **Booster (for high-class assembling adjusting)**

Mixed much more particle of MoS₂ with paraffin mineral oil in high concentration and added more adhesive property than LM-82. Much higher-class adjusting agent than LM-82

NLGI	PV value (MPa·m/sec)	Pressure resistance load (MPa)	Friction coefficient(μ)	Major use	Package size
No.1	15	245	0.08	1. Bearings of worms, bevel gears with high load sliding rate 2. Burn-in and cling prevention of various joints 3. Adjusting of high-speed rotation parts and fretting corrosion	225g tube / 10 bottle box 1kg / 6can box** 16kg / pail can**

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LM-901 **Aluminum Special (for ultra-high temperature)**

Excellent anti-burn-in agent with extreme heat resistance property (maximum 1,200°C) composed of aluminum mainly mixed metal powder with mineral oil.

NLGI	PV value (MPa·m/sec)	Pressure resistance load (MPa)	Friction coefficient(μ)	Major use	Package size
-	-	461	-	Turbine casings, bolts of electric furnaces, nuts, washer clings, 固渋, and burn-in prevention Caution : Don' t use this product for rotary parts and sliding parts	500g / 10can box 1kg / 6can box

● Oil

Additive used for industrial oil. Oil and additive excellent in withstand load property and mixed with low friction coefficient MoS₂. Just add it to general industrial oil, you can extend service life of oil itself and prevent the machine aging, not to mention machine performance improvement.

Two types of oil are available based on usage and operating temperature limit.



LM-81 **Auto リキモリ (Additive oil)**

Colloid of changing MoS₂. into SAE40 mineral oil completely. Available to add to all other industrial oils , and suitable for wear prevention, aging prevention as well as extending the service life of oil.

Operating temperature limit	PV value (MPa·m/sec)	Pressure resistance load (MPa)	Friction coefficient(μ)	Major use	Package size
-20 ~ 180°C	13	147	0.10	Add to cylinders, diesels, motors, compressors, turbines, machine oils, etc. Add to oils of various reduction gears and gear boxes	1ℓ / 12can box 4ℓ / 4can box



LM-120 **Heat-Resistant Oil (for heat resistance)**

Colloid of changing MoS₂ into paraffin naphthene mixed base oil for heat resistance.

Operating temperature limit	PV value (MPa·m/sec)	Pressure resistance load (MPa)	Friction coefficient(μ)	Major use	Package size
-10 ~ 200°C	12	127	0.10	Gear lubrication of various industrial machines and machine tools (for straight oil)	18ℓ / pail can


● Current Lube

Current Lube can be used in contact points of all electric equipments. Current Lube enables to increase electrical conductivity, give lubrication, prevent abrasion, and stabilize and improve the performance of electric equipments for a long period of use.


【 Attribute 】

1. Low electric resistance
2. Negative temperature coefficient of resistance
3. Chemical Inertness
4. Available to use for metals and non-metals
5. Wide operating temperature limit
 - S-1 (-30°C ~ 130°C),
 - S-2 (-20°C ~ 220°C),
 - L-6 (-45°C ~ 230°C),
 - L-7 (-30°C ~ 240°C),
6. Available to use for long hours due to nondrying property



 S series (Grease type)				
Use special low electric resistant grease to realize to use it for electric contact parts.				
Product Number / Product Name	OTL	Color	Major Use	Package
S - 1 Current Lube	-30 ~ 130°C	Milk white	1. Electric contact parts such as light electric rotary switches of machines and measurement equipment. 2. Automobile switches, electric contact parts of connector parts, etc. 3. Railroad crossing bars, electric contact parts of control instruments 4. All other electric contact parts of shipping and precision technologies	200 g Polycontainer / 12 can box
S - 2 Current Lube	-20 ~ 220°C	Yellow		1kg / 6can box 16kg / pail can [※]

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 L series (Oil type)				
Use special oil and control electric resistance low so as to realize to use it for electric contact parts.				
Product Number / Product Name	OTL	Color	Major Use	Package
L - 6[※] Current Lube	-45 ~ 230°C	Light yellow	1. Electric contact parts such as light electric rotary switches of machines and measurement equipment. 2. Automobile switches, electric contact parts of connector parts, etc. 3. Railroad crossing bars, electric contact parts of control instruments 4. All other electric contact parts of shipping and precision technologies	200m ℓ / 12 bottle box
L - 7[※] Current Lube	-30 ~ 240°C	Light yellow		1 ℓ / 12can box 18 ℓ / pail can

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