

LOCTITE®

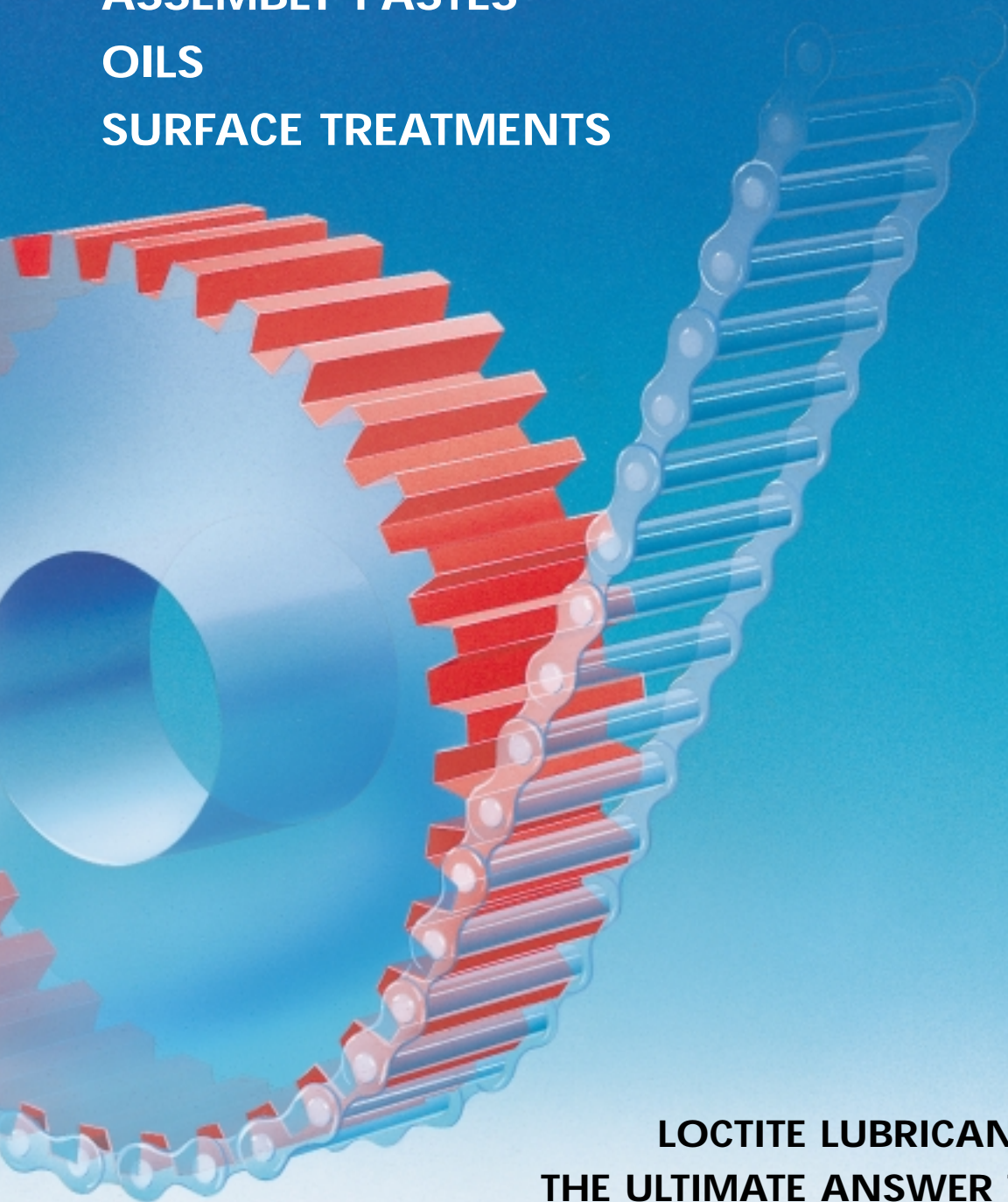
LUBRICANTS AND SURFACE TREATMENTS

GREASES

ASSEMBLY PASTES

OILS

SURFACE TREATMENTS









**LOCTITE LUBRICANTS
THE ULTIMATE ANSWER TO
YOUR LUBRICATION PROBLEMS**



LUBRICANTS AND SURFACE TREATMENTS

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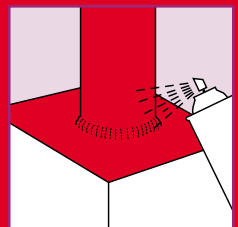
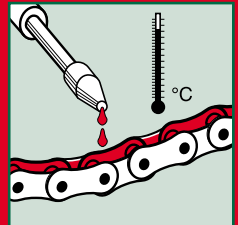
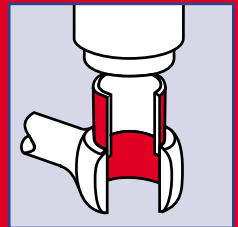
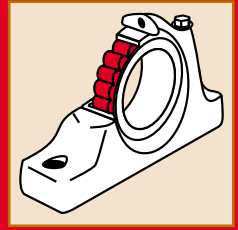
INTRODUCING A NEW RANGE OF SPECIALIST LUBRICANTS

Loctite's new range of specialist lubricants and surface treatments overcome many lubrication problems in manufacturing and maintenance, repair and overhaul.

This new, advanced range includes vegetable, mineral and synthetic based products meeting the requirements of any application.

The general requirements of lubricants can be described as follows:

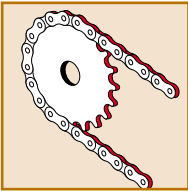
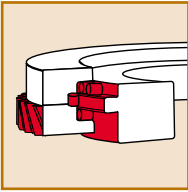
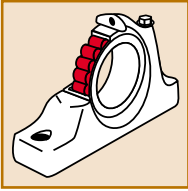
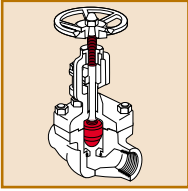
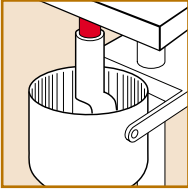
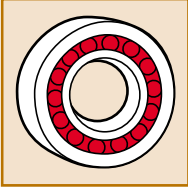
- Reduce friction
- Reduce wear
- Ensure protection against corrosion
- Dissipate heat
- Compatible with the working environments



GREASES

Loctite's greases are made of mineral or synthetic oil combined with a thickening agent, e.g. lithium soap or inorganic material such as silica gel.

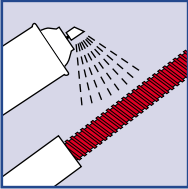
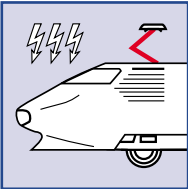
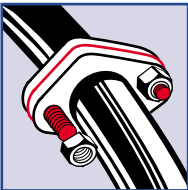
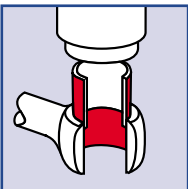
The use of additives expands the properties of this range to protect against corrosion, oxidation and withstand high temperatures and extreme pressures.

		APPLICATIONS
	<p>Loctite 8101* Chain lubricant</p> <ul style="list-style-type: none"> ● Anti-fling properties. ● Water resistant. ● Resists temperatures up to 170°C 	Lubrication of open mechanisms such as chains and gears.
	<p>Loctite 8102 High performance grease</p> <ul style="list-style-type: none"> ● High temperature resistance (up to 200°C). ● Withstands high loads at medium and high speeds. ● Can be used in humid conditions. 	Lubrication of rolling and plain bearings, open gears under heavy loads and slideways.
	<p>Loctite 8103 MoS₂ Grease</p> <ul style="list-style-type: none"> ● Good temperature resistance (up to 150°C). ● Withstands high loads at all speeds, shock loads and vibration. 	Lubrication of cylindrical taper roller bearings, plain bearings, splined shafts, leadscrews and slideways.
	<p>Loctite 8104 Food approved silicone grease</p> <ul style="list-style-type: none"> ● High temperature resistance (up to 200°C). ● Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992). 	Lubrication of most elastomeric and plastic parts. Suitable for valves and seals in food processing environments and under wet conditions.
	<p>Loctite 8105 Food approved mineral grease</p> <ul style="list-style-type: none"> ● Resists temperatures up to 150°C. ● Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992). ● Suitable for the pharmaceutical industry. 	Lubrication of rolling and plain bearings, open gears and slideways in food and pharmaceutical industries.
	<p>Loctite 8106 Multi-purpose grease</p> <ul style="list-style-type: none"> ● Resists temperatures up to 150°C. 	Lubrication of rolling and plain bearings, open gears and slideways.

*Aerosol product.

ASSEMBLY PASTES


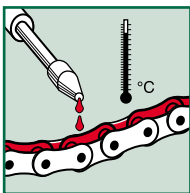
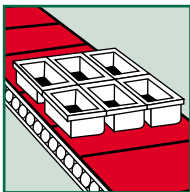
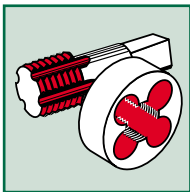
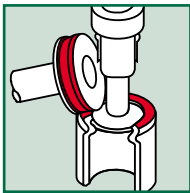
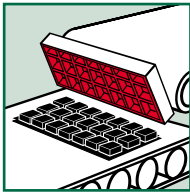
Loctite's range of assembly pastes prevent seizing during assembly and inhibit corrosion of parts which are exposed to aggressive conditions and extreme temperatures.

		APPLICATIONS
	<p>Loctite 8150/Loctite 8151* Aluminium anti-seize</p> <ul style="list-style-type: none"> ● Ideal for static and slow moving assemblies. ● Withstands high loads. ● Resists temperatures up to 900°C. 	Threads, leadscrews, hinges etc.
	<p>Loctite 8152 Copper paste anti-seize</p> <ul style="list-style-type: none"> ● Ideal for static and slow moving assemblies. ● Resists arcing. ● Resists temperatures up to 1100°C. 	Electrical contacts, threads etc.
	<p>Loctite 8153*/Loctite 8156 Metal free anti-seize</p> <ul style="list-style-type: none"> ● Ideal for static and slow moving assemblies. ● Temperature resistance: Loctite 8153: 700°C. Loctite 8156: 900°C. ● Use on non-ferrous metals. 	Threads, leadscrews, hinges etc. where cleanliness is important.
	<p>Loctite 8154*/Loctite 8155 MoS₂ Assembly paste</p> <ul style="list-style-type: none"> ● Ideal for static and slow moving assemblies. ● Prevents press fits from galling ● Temperature resistance up to 450°C. ● Reduces risk of wear on start up. 	Assembly of precision components such as bearings, gears, bushes onto shafts.

*Aerosol product.

OILS

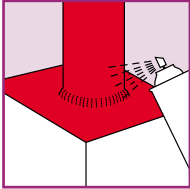
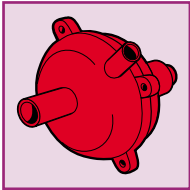
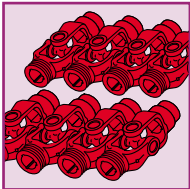
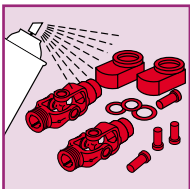
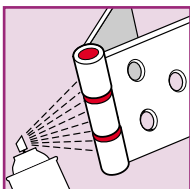
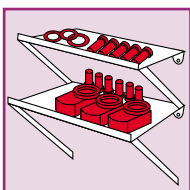
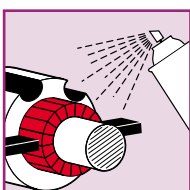
This range of oils is especially for lubricating industrial machinery.

		APPLICATIONS
	<p>Loctite 8000/Loctite 8001* Food approved mineral oil</p> <ul style="list-style-type: none"> ● Resists temperatures up to 120°C. ● Suitable for food and pharmaceutical industries. ● Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992). 	Lubrication of chains, conveyors and open mechanisms.
	<p>Loctite 8010/Loctite 8011* High temperature synthetic oil</p> <ul style="list-style-type: none"> ● Resists temperatures up to 250°C. 	Lubrication of chains, conveyors and open mechanisms particularly in high temperature environments.
	<p>Loctite 8020/Loctite 8021* Food approved silicone oil</p> <ul style="list-style-type: none"> ● Resists temperatures up to 200°C. ● Food approved (FDA listed ingredients for USDA category H1 and CNERNA Guide 1992). ● Ideal for plastic and elastomeric parts. 	Lubrication of conveyor belts, plastic guides and elastomeric parts.
	<p>Loctite 8030/Loctite 8031* Cutting oil</p> <ul style="list-style-type: none"> ● Protects cutting tools in operation. ● Increases tool life. ● Improves cutting performance. ● Ideal for use with stainless steel. 	To be used when drilling, sawing or tapping steel and most non-ferrous metals. It is especially designed for use with stainless steel.
	<p>Loctite 8191 MoS₂ anti-friction coating</p> <ul style="list-style-type: none"> ● Resists temperatures up to 450°C. ● Dri-film lubrication. ● Protects surfaces from fretting corrosion. ● Enhances the performance of oils and greases. 	Dry lubrication of moving parts to reduce friction and wear. Ideal for use on cams, gears, slideways and stamping tools.
	<p>Loctite 8192 PTFE coating</p> <ul style="list-style-type: none"> ● Resists temperatures up to 260°C. ● Food approved (meets CNERNA Guide 1992 for France). ● Dry clean film lubrication. 	Dry lubrication of moving parts to reduce friction and wear. Ideal for use on conveyor belts, slideways and cams, particularly in the food processing industry.

*Aerosol product.

SURFACE TREATMENTS

Products from the range prevent corrosion of equipment during storage, and facilitate the stripping down of seized parts.

		APPLICATIONS
	<p>Loctite 7800 Zinc spray</p> <ul style="list-style-type: none"> ● Provides excellent cathodic protection on ferrous metals. ● Resists temperatures up to 550°C. ● Can be used as a primer before painting. 	<p>Long term protection of metal assemblies. Especially suitable for protecting welds from corrosion on galvanised parts</p>
	<p>Loctite 7801 Aluminium spray</p> <ul style="list-style-type: none"> ● Provides protection against corrosion. ● Resists temperatures up to 550°C. ● High quality finish. 	
	<p>Loctite 7802 Varnish spray</p> <ul style="list-style-type: none"> ● Provides long term protection. ● Resists temperatures up to 80°C. ● Easy to remove with most solvents. 	<p>Protection of spare parts, cutting tools etc. during storage.</p>
	<p>Loctite 7803 Metal protection coating spray</p> <ul style="list-style-type: none"> ● Non drying, tack free coating. ● Provides long term corrosion protection. ● Compatible with most plastics and elastomeric materials. 	<p>Long term protection of metal assemblies such as moulds, machines and outdoor installations.</p>
	<p>Loctite 8201 Five way spray</p> <ul style="list-style-type: none"> ● Frees, lubricates, cleans. ● Displaces moisture. ● Prevents corrosion. 	<p>Light lubrication of metals and most plastic materials. Ideal for freeing seized or corroded parts e.g. bolts, nuts, hinges etc.</p>
	<p>Loctite 8202 Metal protection oil spray</p> <ul style="list-style-type: none"> ● Non drying film. ● Prevents corrosion. 	<p>Protection of machined parts, tools, moulds, equipment etc. during storage.</p>
	<p>Loctite 7039 Contact cleaner spray</p> <ul style="list-style-type: none"> ● Does not effect insulating varnishes. ● Displaces moisture. ● Forms water repellent film. 	<p>Cleaning electrical contacts on relays, switchgear etc.</p>

Product and Ordering Information

OILS

Product No.	Appearance	Base	Viscosity ⁽³⁾	Flash point °C	Temperature range °C	Load test 4 ball N	Pack size	Ordering No.
8000	Light yellow liquid	Mineral	40	250	-20 to +120	1800	1litre can	2105063
8001	Colourless liquid	Mineral	11	N.A.	-20 to +120	1800	400ml aerosol	2105036
8010	Colourless liquid	Synthetic	87	273	-30 to +250	1260	1 litre can	2105064
8011	Colourless liquid	Synthetic	11	N.A.	-30 to +250	1260	400ml aerosol	2105037
8020	Colourless liquid	Silicone	2	65	-50 to +200 ⁽²⁾	N.A.	1 litre can	2105065
8021	Colourless liquid	Silicone	10	N.A.	-50 to +200	N.A.	400ml aerosol	2105038
8030	Light yellow liquid	Mineral	175	>300	N.R.	5000	250ml can	2105039
8031	Light yellow liquid	Mineral	46	N.A.	N.R.	5000	400ml aerosol	2105040
8191	Black dry film	MoS ₂ varnish	N.R.	N.A.	-180 to +450	N.A.	400ml aerosol	2105058
8192	White dry film	PTFE varnish	N.R.	N.A.	-180 to +260	N.A.	400ml aerosol	2105059

SURFACE TREATMENTS

Product No.	Appearance	Base	Viscosity ⁽³⁾	Flash point °C	Temperature range °C	Load test 4 ball N	Pack size	Ordering No.
7800	Grey dry film	Zinc	N.R.	N.A.	Max. 550	N.R.	400ml aerosol	2105032
7801	Grey dry film	Aluminium	N.R.	N.A.	Max. 550	N.R.	400ml aerosol	2105033
7802	Blue dry film	Resin	N.R.	N.A.	-10 to +80	N.R.	400ml aerosol	2105034
7803	Amber liquid	Mineral	11	N.A.	-10 to +40	N.R.	400ml aerosol	2105035
8201	Light yellow liquid	Mineral/ vegetable	11	N.A.	-30 to +50	N.R.	400ml aerosol	2105060
8202	Light yellow liquid	Mineral	12	N.A.	-30 to +50	N.R.	400ml aerosol	2105061
7039	Colourless liquid	Mineral	10	N.A.	N.R.	N.R.	400ml aerosol	2105031

(2) After complete evaporation of solvents.

(3) Viscosity (cSt or mm²/s) at 40°C for bulks; at 20°C for aerosols.

N.A. – Not applicable.

N.R. – Not relevant.

For further information, please consult appropriate Product Information Sheet

Product and Ordering Information

GREASES

Product No.	Appearance	Base oil and additives	Thickener	Drop point °C	N.L.G.I. (1) Class	Temperature range °C	Speed characteristics DIN factor	Load test 4 ball N	Pack size	Ordering No.
8101	Amber high tack paste	Synthetic E.P.	Lithium soap	>190	2	-25 to +170	N.A.	3150	400ml aerosol	2105041
8102	Beige high tack paste	Mineral E.P.	Lithium soap complex	290	2	-30 to +200	500,000	3150	400ml cartridge 1 litre can	2105042 2105043
8103	Black smooth paste	Mineral E.P. MoS ₂	Lithium soap	>190	2	-20 to +150	500,000	3500	400ml cartridge 1 litre can	2105044 2105045
8104	Colourless smooth paste	Silicone	Silica Gel	none	2/3	-50 to +200	50,000	N.A.	75ml tube 1 litre can	2105046 2105047
8105	Colourless smooth paste	Mineral/ synthetic	Inorganic gel	none	2	-20 to +150	150,000	1600	400ml cartridge 1 litre can	2105048 2105049
8106	Light brown smooth paste	Mineral E.P.	Lithium soap	185	2	-15 to +150	450,000	2500	400ml cartridge 1 litre can	2105050 2105051

ASSEMBLY PASTES

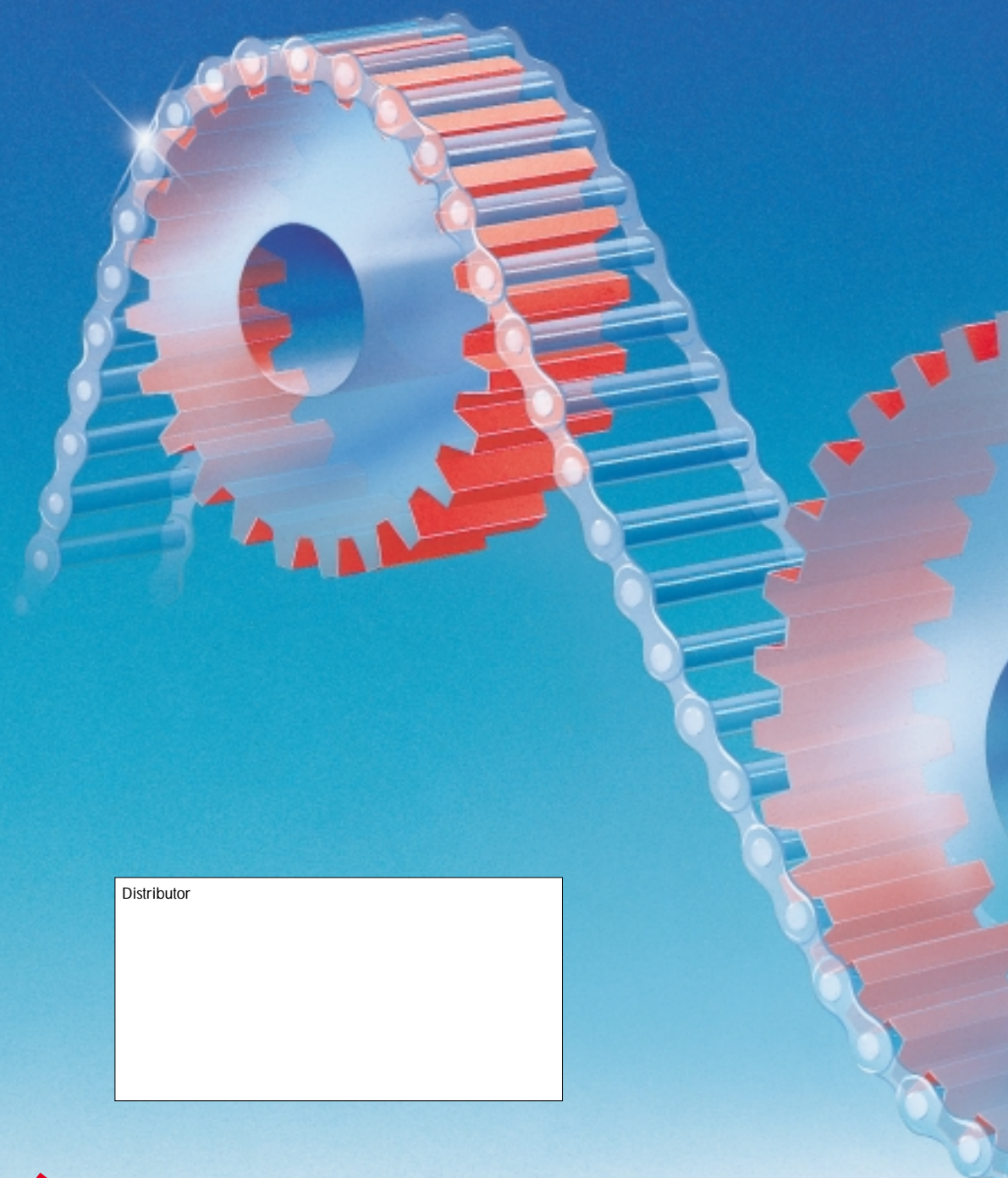
Product No.	Appearance	Base oil and additives	Thickener	Drop point °C	N.L.G.I. (1) Class	Temperature range °C	Speed characteristics DIN factor	Load test 4 ball N	Pack size	Ordering No.
8150	Grey smooth paste	Mineral	Inorganic gel	none	0	-30 to +900	N.A.	4900	500g can	2105052
8151	Grey smooth paste	Mineral	Inorganic gel	none	0	-30 to +900	N.A.	4900	400ml aerosol	2105062
8152	Copper smooth paste	Mineral	Inorganic gel	none	2	-35 to +1100	N.A.	4300	1 litre can	2105053
8153	White smooth paste	Mineral E.P.	Lithium soap	none	2	-25 to +700	N.A.	4800	400ml aerosol	2105054
8156	White smooth paste	Mineral E.P.	Inorganic gel	none	2	-25 to +900	N.A.	5800	500g brush/can	2105057
8154	Black smooth paste	Synthetic MoS ₂	none	none	N.A.	-35 to +450	N.A.	5400	400ml aerosol	2105055
8155	Black smooth paste	Mineral MoS ₂	Mineral wax	45	0	-20 to +450	N.A.	none	1 litre can	2105056

(1) N.L.G.I. – National Lubricating Grease Institute classification.

N.A. – Not applicable.

N.R. – Not relevant.

For further information, please consult appropriate Product Information Sheet



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