

Specialty
Lubricants

MOLYKOTE® S-1502

High Temperature/Low Friction Chain Oil

FEATURES

- Wide service temperature range (-30°C/-22°F to +250°C/482°F)
- Longer lubrication intervals even at very high temperatures (up to +250°C/482°F)
- Very low coefficient of friction

COMPOSITION

- Mixture of synthetic oils
- Friction improver additives
- Corrosion inhibitors
- EP additives
- Oxidation inhibitors

Synthetic oil for lubricating metal chains even at very high temperatures (+250°C/482°F). Very low coefficient of friction

APPLICATIONS

- All kind of oil lubricated chains.
- Suitable and used for oil-lubricated chains in lacquering plants and drying installations.

TYPICAL PROPERTIES

Specification writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales representative prior to writing specifications on this product.

ASTM*	Parameter	Unit	Value
	Color		Greenish, transparent
	Density, viscosity		
D-4052	Density at 15°C (59°F)	g/cm ³	0.97
D-445	Viscosity at 40°C (104°F)	mm ² /s	135-165
	ISO* VG		150
D-445	Viscosity at 100°C (212°F)	mm ² /s	11-13
	Temperature		
	Service temperature	°C	-30 to +250
		°F	-22 to +482
D-92	Flash point	°C	>250
		°F	>482
	Evaporation rate after 24 hours at 200°C (392°F)	%	<1.5
	Oxidation resistance after 4 hours at 200°C (392°F), 200ml O ₂ /minute, weight loss	%	<5
	Load-carrying capacity, wear protection, service life		
D-4172	FBM (1 hour/400N/1.200rpm) wear scar diameter	mm	<0.40
D-2783	FBM, weld load	N	2,500
D-5707	SRV coefficient of friction (200N, 1mm, 50Hz, 50°C/122°F)		0.04

* ASTM: American Society for Testing and Materials.
ISO: International Standardisation Organisation.

HOW TO USE

How to apply

Apply with brush, spray-can, spray gun, drop-feed oiler or conventional metering devices. MOLYKOTE S-1502 Oil can also be applied by dipping.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS

AVAILABLE FROM YOUR LOCAL
DOW CORNING SALES
REPRESENTATIVE.

USABLE LIFE AND STORAGE

When stored at or below 20°C (68°F)
in the original unopened containers,
this product has a usable life of 60
months from the date of production.

PACKAGING

This product is available in different
standard container sizes. Detailed
container size information should be
obtained from your nearest
Dow Corning sales office or
Dow Corning distributor.

LIMITATIONS

This product is neither tested nor
represented as suitable for medical or
pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product
safety needs, Dow Corning has an
extensive Product Stewardship
organization and a team of Health,
Environment and Regulatory Affairs
specialists available in each area.

For further information, please
consult your local Dow Corning
representative.

WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is
offered in good faith and is believed
to be accurate. However, because
conditions and methods of use of our
products are beyond our control, this
information should not be used in
substitution for customer's tests to
ensure that Dow Corning's products
are safe, effective, and fully
satisfactory for the intended end use.
Dow Corning's sole warranty is that
the product will meet the
Dow Corning sales specifications in
effect at the time of shipment. Your
exclusive remedy for breach of such
warranty is limited to refund of
purchase price or replacement of any

product shown to be other than as
warranted. Dow Corning specifically
disclaims any other express or implied
warranty of fitness for a particular
purpose or merchantability. Unless
Dow Corning provides you with a
specific, duly signed endorsement of
fitness for use, Dow Corning
disclaims liability for any incidental
or consequential damages.
Suggestions of use shall not be taken
as inducements to infringe any patent.