

Technical data



Molychain GT series

Synthetic lubricants for high temperature chains

Description

Molychain GT series products are fully synthetic oils specifically formulated to lubricate and protect chains operating at high temperatures. Molychain GT products are formulated from advanced synthetic ester base fluids combined with high performance anti-oxidant and anti-wear additives to ensure excellent thermal stability while providing effective wear protection to chain components.

Molychain GT series products are suitable for use in a wide variety of industries where high temperature processes are encountered such as glass and mineral wool curing, plasterboard drying, ceramic and textile production. Molychain GT-50, GT-200 and GT-260 are designed to maintain maximum fluidity as they age, conversely Molychain GT-2600RZ has been specially modified to favour a drier residue to minimise particulate adhesion in dusty operating environments.

Features and benefits

- Outstanding resistance to thermo-oxidative degradation
- Excellent anti-wear properties
- Low volatility
- Capable of operating up to 260°C (285°C intermittently)

Instructions for use

Molychain GT products should be used as supplied and can be applied by brush, drip or automatic lubrication systems which should ideally be drained and flushed prior to introduction.

For optimal results previous carbon residues should be removed during change-over. Refer to the product safety data sheet for guidance on safe handling, storage and disposal.

Storage

Molychain GT products should be stored in original, unopened packaging, out of direct sunlight at temperatures between 5°C and 35°C. The most up to date shelf-life information for Molychain products can be found on the certificate of analysis issued at the time of manufacture.

Packaging and product code

Pack size	GT-50	GT-100	GT-260	GT-260RZ
5 Ltr poly	-		M430055	-
20 Ltr poly	M434015	M434215	M430015	-
200 Ltr drum	M434069	M434269	M430069	M434469

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Property	Test method	GT-50	GT-100	GT-260	GT-260RZ
Appearance	-	Clear pale yellow oil			
Base oil type	-	Synthetic ester			
Viscosity @ 40°C	MSTM 27	52 cSt	100 cSt	265 cSt	265 cSt
Viscosity @ 100°C	MSTM 28	8 cSt	13.0 cSt	24.0 cSt	24.0 cSt
Viscosity index	-	123t	128	114	114
Density @ 20°C	IP 530	0.98 g.cm ⁻³	0.97 g.cm ⁻³	0.95 g.cm ⁻³	0.95 g.cm ⁻³
Noack evaporation	MSTM 91	1.4%	1.1%	1.5%	1.3%
Effective temperature range	-	-30°C up to +260°C continuous 285°C intermittent			

Note: these values are typical only and do not constitute a specification

Limited warranty information

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 our products are safe, effective and fully satisfactory for the intended end use. We accept no liability for any loss and/or damage arising from a failure to store out products in accordance with the information contained in this technical sheet. Metalube Group's sole warranty is that our products will meet their quality control 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. To the fullest extent permitted by applicable law, Metalube Group specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Metalube Group disclaims liability for any incidental or consequential damages.

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