TECHNICAL DATA SHEET

AIMOL Chaintech SHT

Synthetic high temperature chain and lubricating fluid

DESCRIPTION

AIMOLChaintech SHT is a full synthetic oil specially developed for chains and other mechanisms and is formulated to give high performance lubrication at elevated temperatures with a minimum tendency to form carbon residues. This state-of-the-art chain lubricant will provide outstanding performance on all type of industrial transport chains including roller, leaf, galle, bushing and inverted tooth chains as well as sliding and plain guides. The operating temperature range is between 250 and 300 ºC. If the product is used below 250 ºC deposits will be created and therefore it is recommended to select another chain lubricant from the AIMOLChaintech SHT or Chain Oil range. Relubrication depends on the actual application temperature and is important to maintain a proper lubricating film. AIMOL Chaintech SHT is specially recommended for lubrication of chains in applications working between 250 and 300 ºC but not higher. If used properly, AIMOL Chaintech SHT will not leave any residues on the chain, giving a clean, carbon-residue free and trouble free operation. Conventional chain lubricants tend to create carbon residues with inherent smell and will eventually block the chain, resulting in increased energy consumption. AIMOL Chaintech SHT is a clear-transparent oil and is a non-toxic, non-hazardous product and complete safe to operate.

APPLICATION

- Transport and drive chains
- Control and lifting chains
- Chains in painting equipment
- Drying tunnels
- Ovens
- Textile stenter frames
- All type of chains working between 250 and 300 ºC

BENEFITS

- High flash point;
- Excellent thermal stability;
- Energy saving;
- Reducing maintenance costs;
- Clean operation;
- Smell free operation;
- Good anti wear properties.

TYPICAL FIGURES

	SHT 270	SHT 100
Density @ 20 ºC, gr/ml	0.935	0.971
Viscosity @ 40 ºC, cSt	270	100
Viscosity @ 100 ºC, cSt	28	14
Flash point, ºC	256	232
Pour point, ºC	-33	-20
Viscosity index	143	138
4-ball wear test, wear scar dia, 1h/40 kg	0.34	.32
Copper corrosion	1a	1a

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Chaintech SHT has no adverse health effects provided it is used as directed.

DISCLAIMER

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