



OPTIMUS HT SYNTHETIC CHAIN OIL

HIGH TEMPERATURE CHAIN OIL

PRODUCT DESCRIPTION:

Optimus HT Synthetic Chain Oil is an ester based high temperature chain oil specifically formulated for the lubrication of all drive and transport chains and bearings running continuously at temperatures up to 230°C and up to 280°C for short periods. The oil is formulated from a combination of synthetic esters and a special antioxidant package which ensures the highest performance in terms of thermal stability, low evaporation loss and minimal deposit formation.

APPLICATION:

Optimus HT Synthetic Chain Oil is has been specifically designed for applications such as textile stenters, drying machines, paint stoving ovens, bakery ovens and similar high temperature chain applications.

FEATURES & BENEFITS:

- Wide operating temperature range +10°C to +230°C continuous (+280°C short periods).
- Special antioxidant combination gives longer wet film life with lower deposit and varnish formation.
- The low evaporation rate of the product gives extended re-lubrication intervals and good in use economy.
- Outstanding extreme pressure (EP) and antiwear performance.
- Excellent frictional properties give reduced power consumption on chain drive units.
- Excellent anti-wear properties at high temperature gives reduced wear and longer chain life.
- Low fuming provides a clean and safe working environment.
- Does not form hard carbon deposits.
- Compatible with most ester based fluids.

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	OPTIMUS HT SYNTHETIC CHAIN OIL	
			VG 220	VG 320
Grade			VG 220	VG 320
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	220	320
Flash Point (min)	D92	°C	270	280
Pour Point (max)	D97	°C	-27	-27
Copper strip corrosion at 100°C for 3 Hrs, Max	D2896	Mg KOH/g	1	1

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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