

TDS: (Technical Data Sheet)



GLOBAL CHAIN GCL-260

HIGH TEMPERATURE SYNTHETIC OIL FOR CONVEYOR CHAINS IN FILM STRETCHING MACHINES

DESCRIPTION:

GLOBAL CHAIN GCL-260 is a fully synthetic oil formulated with synthetic esters, stabilizers and antioxidant additives to be capable of working at high temperatures with a minimum evaporation tendency.

GLOBAL CHAIN GCL-260 was designed to lubricate guide-chain systems in the manufacturing of BOPP (bioriented polypropylene), sliding chain systems in film stretching machines.

One of the characteristics of the BOPP manufacturing equipment (Mitsubishi, Brückner, DMT) is the high-speed displacement of the chain on the guides. Such characteristic is traduced in appearance of severe wear and stick-slip effect.

GLOBAL CHAIN GCL-260 provides excellent protection against wear at high temperature and high speed in comparison with conventional synthetic chain oils, it contains anti-stick slip additives that, even when operating at high temperatures, will improve the lubricating capacity of the oil, will extend the chain useful life and will reduce the vibrations, hence a good and steady drawing process will be secured. Excellent friction coefficient. Outstanding low evaporation avoiding condensation problems in cooling area. Compatible with copper lines used in centralized lubrication systems.

APPLICATIONS:

GLOBAL CHAIN GCL-260 is applied mainly in guide-chain systems of the plastic films manufacturing. It will be used too to lubricate bolts and rails in haulage chains. It will be used in a wide range of temperatures and will reach 230-250°C peak temperatures.

TECHNICAL CHARACTERISTICS:

Base oil	Synthetic esters
Density at 20°C, (g/ml)	0,963
Viscosity at 40°C, (cSt)	269,8
Viscosity at 100°C, (cSt)	23,01
Viscosity Index	105
Flash point, (°C)	288
Pour point, (°C)	-35
Copper corrosion 3h/120°C	1 b max
Service temperature, °C	250 max.