

TECHNICAL PRODUCTS INFORMATION

PRODUCT NAME: OIL FS

A fully synthetic food grade oil with characteristics that make it particularly suited for the lubrication of drive chains, conveyor chains and gearboxes and reduction units that are designed for an ISO 220 gearbox oil. OIL FS contains special additives that extend relubrication intervals considerably and does not contain any mineral oil.

COST SAVING BENEFITS (when used on chains)

1. Penetrates to the links and pins reducing wear and extending chain life.
2. Tackiness additives ensure non-drip, no fling thus providing lasting lubrication.
3. Excellent adhesive characteristics ensures a high degree of water resistance and protects parts from corrosion even in the presence of acidic materials commonly associated with the food and drinks industries.
4. Extremely wide temperature range ensures maximum application versatility.

COST SAVING BENEFITS (when used in gearboxes)

1. Extremely good oxidation stability which extends lubricant life.
2. Unaffected by water - demulsibility ensures total separation of water from oil.
3. Tackiness additives coat gears effectively and provide anti-wear protection at start-up.
4. Synthetic oil with high Viscosity Index ensures reduced viscosity change with temperature increase.

METHOD OF APPLICATION

For drive and conveyor chains - Apply sparingly by brush or oil can as required. Can also be applied automatically using a central drip feed system.

For gearboxes and reduction units - Ensure that the gearbox manufacturers' lubricant rating corresponds to using an ISO 220 gear oil.

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	Off white tacky oil
Base oil	Fully synthetic
Kenematic Viscosity (ASTM4451) @ 40°C (typical)	220 cSt
@ 100°C	23.7 cSt
Viscosity Index (ASTM D2270)	135
Demulsibility (ASTM D1401) 30 min.	40-37-3
Foaming (ASTM D892) after settling	Nil
Sequence 1	Nil
Sequence 2	Nil
Sequence 3	Nil
Copper corrosion (ASTM D130)	1b
FZG Gear Test Stage	11
Evaporation Loss 6.5 hrs @ 205°C, 5 mass	4.0
Operating temperature range	-30°C to + 240°C

All ingredients in Oil FS are FDA listed and meet the requirements of the former USDA H1 regulations. This product contains no genetically modified ingredients.



BS EN ISO 9002: 1994
Certificate No.FM 40035

The content of this data sheet is given in good faith but without warranty.