

Top Blend CS FG



Premium Food Grade Gear Oil Range

Innovative gear oil targeted at the food industry. *NCH have successfully used calcium sulphonate technology for many years in their greases. NCH now introduces this technology to food grade gear oils.*



- Food grade certified – NSF H1
- Provides longer service life
- Prevents gear wear during dry starts
- Resists oxidation
- Prevents foam build up
- Protects rubber seals
- Ideal use with yellow metals

PROBLEM SOLUTION

Old gear oil technology

Calcium sulphonate technology provides:

- Better EP performance (*gear wear*)
 - Boost in TBN reserve (*oil oxidation*)
 - Improved detergency (*deposits*)
 - Increased corrosion protection
- = Increased service life**

Excessive gear wear

TOP BLEND CS FG 's adhesive polymers form a protective layer to prevent metal-to-metal contact & reduce gear wear

Oil oxidation leading to pitting & reduced oil life

Higher TBN reserve enables TOP BLEND CS FG to maintain thermal stability & help prevent oil oxidation (*acid formation*)

Deposit formation on metal surfaces

TOP BLEND CS FG has built in detergency to keep the surface cleaner for longer & provide maximum energy transfer

Water contamination, rust & corrosion

Latest demulsifying technology separates water/oil (*keeps gears dry and properly lubricated*). Rust & corrosion inhibitors plate metal surfaces to form a physical barrier

Top Blend CS FG

Premium food grade gear oil range with Calcium Sulphonate technology

APPLICATION AREAS:

Top Blend CS FG is ideal for use in enclosed gear boxes and associated gears in food industrial applications:

- Slaughter houses
- Rendering plants
- Animal processing plants
- Canning
- Bakery & confectionery

And many more...



TECHNICAL SPECIFICATIONS

	Method	150	220	320	460
ISO VG	ASTM D 2422	150	220	320	460
Viscosity (cst) at 40 C	ASTM D 445	152	222	320	460
Viscosity (cst) at 100 C	ASTM D 445	15.1	18.5	26.0	40
Viscosity Index	ASTM D 2270	105	110	115	140
Flash point / C	ASTM D 92	200	205	210	240
Pour point / C	ASTM D 97	-15	-15	-20	< -35
FZG Gear Test		12	12	12	12
Copper Corrosion	ASTM D 130	1b	1b	1b	1b

DIRECTIONS

1. For better results use Flush & Clean FG before draining. Use in freshly drained gear boxes.
2. DO NOT OVERFILL.
3. Not for use in automatic transmissions, farm or industrial tractors with combined transmissions, axle and hydraulic systems.
4. Do not use with polyglycol synthetic oils.
5. Not for use in transmissions that have an engine oil recommended.



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