

KYNOS AS FG

Semi-Synthetic Food Grade Compressor Oils

KYNOS LUBRICATION PRIVATE LIMITED

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Semi-Synthetic PAO Based Food Grade Compressor Lubricants for Oil change Interval 6000+ Operating Hours.

KYNOS AS FG oils are food-grade, non-toxic synthetic lubricants designed for compressors in the pharmaceutical, food, and beverage industries. They offer outstanding wear protection, rapid separation from water and air, and maintain a lubricating layer even in tough conditions.

The advanced ester oil technology enhances protection against wear and sludge, while also improving heat regulation and oxidation resistance. This results in longer lubricant life, longer drain intervals, and less tendency to lacquer, ensuring optimal performance and reliability.

Applications

- In reciprocating compressors, where temperatures can fluctuate, PAO-based food-grade lubricants reduce wear on piston rings and valves while offering excellent oxidation stability, ensuring smooth, contaminant-free operation in sensitive environments.
- In the food packaging industry, where compressed air is used for vacuum sealing, filling, and pneumatic operations, PAO-based lubricants ensure clean air production while preventing lubricant breakdown, even in high-use environments.
- Compressors used in breweries and distilleries for bottling, canning, and process automation require food-grade lubricants to prevent contamination. PAO-based lubricants offer stable performance over extended service intervals, ensuring product safety.
- In industries such as pharmaceuticals, and Bakeries, Confectionery and Dairy Products etc.

Performance Level

- Heavy Duty by ISO 6743-3
- ISO 6521-2 DAJ, IS 13256:1992, DAB
- DIN 51506, 51352-VDL
- NSF H1

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Typical Performance Data

Properties	Test Method	KYNOS ASFG				
		150	200	350	400	700
ISO Viscosity Grade	ASTM D-2422	32	46	68	100	150
Viscosity Index	ASTM D-2270	>120	>120	>120	>120	>120
Viscosity @ 40 °C, mm ² /s	ASTM D-445	32	46	68	100	150
Flash Point, °C Minimum	ASTM D-92	>260	>260	>265	>265	>265
Pour Point, °C Max	ASTM D-97	< -33	< -33	< -30	< -30	< -21
RPVOT, Minutes	ASTM D-130	>1400	>1400	>1400	>1400	>1400
Water Separability @ 54 °C Minutes	ASTM D-1401	40/40/3 (30min)	40/40/3 (30min)	40/40/3 (30min)	40/40/3 (30min)	40/40/3 (30min)
Density @ 25 °C, gm/cc	ASTM D-1298	0.840	0.845	0.850	0.850	0.860
Appearance	Visual	Clear	Clear	Clear	Clear	Clear

*All performance data on this Technical Data Sheet are indicative only and may vary during production.

All Ingredients are FDA listed ingredients under 21 CFR 178.3570 and complies the requirement of NSF H1 and meet the USFDA 1998 H1 Guidelines.

These products do not contain genetically modified ingredients, and nut oil or derivatives. The product is non-hazardous.