

KYNOS SYN**Synthetic Screw Compressor Oils**

KYNOS LUBRICATION PRIVATE LIMITED

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KYNOS SYN is developed for compressor application using premium quality base stocks that are highly oxidative stable and with unique synergistic high-performance additives.

It has low pour points, anti-wear characteristics, and superior oxidation control make it an excellent choice for compressors with longer service life intervals. Additionally, improving overall compressor efficiency by lowering friction, leading to smoother operations. KYNOS SYN is also produce fewer deposits and sludge, keeping the compressor cleaner and running optimally over time.

Applications

- Ideal for lubricating rotary screw compressors, reducing friction, and helping the compressor run cooler and more efficiently.
- To enhances the performance of reciprocating compressors by preventing wear on the piston rings and cylinders, which reduces maintenance and extends equipment life.
- In applications requiring clean operation and equipment reliability, PAO lubricants help maintain compressors used for packaging, bottling, and refrigeration.
- PAO synthetic oils are typically compatible with a variety of seals and gaskets, preventing leaks and maintaining optimal performance across different compressor systems.
- PAO lubricants are used in the compressors for drilling rigs, pipeline operations, and refineries, where reliability and long service life are critical.
- In Automotive Industry air compressors for air tools, spray painting and where high-pressure air is required.

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Performance Level

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

Typical Performance Data

Properties	Test Method	KYNOS SYN						
		150	200	350	400	700	1000	1500
ISO Viscosity Grade	ASTM D-2422	32	46	68	100	150	220	320
Viscosity Index	ASTM D-2270	>140	>140	>140	>140	>140	>140	>140
Viscosity @ 40 °C, mm ² /s	ASTM D-445	32	46	68	100	150	220	320
Viscosity @ 100 °C, mm ² /s	ASTM D-445	6.1	7.8	10.5	14	19	25	32.5
Flash Point, °C Minimum	ASTM D-92	230	254	254	260	260	300	300
Pour Point, °C Max	ASTM D-97	< -36	< -33	< -30	< -30	< -21	< -21	< -21
RPVOT, Minutes	ASTM D-2272	>1800	>1800	>1800	>1800	>1800	>1800	>1800
Water Separability @ 54 °C Minutes	ASTM D-1401	40/40/00 (10 Mins)	40/40/00 (10 Mins)	40/40/00 (10 Mins)	40/40/00 (20 Mins)	40/40/00 (20 Mins)	40/40/00 (20 Mins)	40/40/00 (20 Mins)
Density @ 25 °C, gm/cc	ASTM D-1298	0.840	0.845	0.850	0.860	0.860	0.860	0.860

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