



## COMPROL SYN PAO

### PRODUCT DESCRIPTION:

Comprol Syn PAO is a fully synthetic, non-detergent, ashless, non-zinc containing anti-wear, rust and oxidation inhibited premium quality oil that is specially formulated to satisfy the lubrication needs of oil reciprocating air compressors, flooded rotary vane and rotary screw compressors, screw type and, pumps, vacuum pumps and blowers. Comprol Syn PAO is blended from the highest quality hydro-finished polyalphaolefin (PAO) synthetic base fluids available.

### APPLICATION:

It meets lubrication needs of oil flooded rotary vane and rotary screw compressors, screw type and reciprocating air compressors, pumps, vacuum pumps and blowers.

### FEATURES & BENEFITS:

- Exceptional anti-wear protection
- Extended bearing life
- Enhanced thermal & oxidation stability
- Superior hydrolytic stability
- Excellent demulsibility characteristics
- Excellent rust and corrosion protection
- Excellent anti-foaming and air release properties
- Reduced sludge, varnish and deposit formation

### PERFORMANCE LEVELS: Meets or Exceeds:

- Joy, Ingersoll Rand, Quincy, Kaeser, Worthington
- Atlas Copco, Gardner Denver and Sullair
- ISO-L-DAC, ISO-L-DAJ, ISO-L-DVA, ISO-L-DVD

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	COMPROL SYN PAO					
			32	46	68	100	150	220
Grade			32	46	68	100	150	220
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	32	46	68	100	150	220
Kinematic Viscosity @ 212°F /100°C	ASTM D7042	cSt	5.9	7.7	10.3	13.7	18.65	27.2
Viscosity Index	ASTM D2270	-	130	135	138	138	140	159
Density@15°C/ 60°F	ASTM D4052	g/cm <sup>3</sup>	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D92	°C	230	236	242	250	260	260
Pour Point (max)	ASTM D97	°C	-54	-54	-54	-42	-42	-39
Copper Strip Corrosion, 3 h @ 100° C	ASTM D130	-	1A	1A	1A	1A	1A	1A
Aniline Point,	ASTM D611	°C	129	132	132	141	142	142
Rotary Pressure Vessel Oxidation Test	ASTM D2272	minutes	1320	1330	1330	1330	1330	1330

**DISCLAIMER:** The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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