



## COMPROL SYN

### PRODUCT DESCRIPTION:

Comprol Syn is a full 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 flooded rotary vane and rotary screw compressors, screw type and reciprocating air compressors, pumps, vacuum pumps and blowers. Comprol Syn is blended from the highest quality hydro-finished polyalphaolefin (PAO) synthetic base fluids available.

### APPLICATION:

Comprol Syn 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 and Exceeds Performance requirements of:

- 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					
			32	46	68	100	150	220
Grade			32	46	68	100	150	220
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	32	46	68	100	150	220
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	5.9	7.7	10.3	13.7	18.65	27.2
Viscosity Index	ASTM D-2270	-	130	135	138	138	140	159
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm <sup>3</sup>	0.820	0.825	0.828	0.835	0.838	0.840
Flash Point (min)	ASTM D-92	°C	230	236	242	250	260	260
Pour Point (max)	ASTM D-97	°C	-54	-54	-54	-42	-42	-39
Copper Strip Corrosion, 3 h @ 100° C	ASTM D-130	-	1A	1A	1A	1A	1A	1A
Aniline Point,	ASTM D-611	°C	129	132	132	141	142	142
Rotary Pressure Vessel Oxidation Test	ASTM D-2272	minutes	1320	1330	1330	1330	1330	1330



**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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