



ARIA SYN

PRODUCT DESCRIPTION:

ARIA SYN is a premium quality full synthetic, non-detergent, ash-less, non-zinc containing anti-wear, rust, and oxidation inhibited premium quality oil that is specially blended 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. ARIA SYN is blended from the highest quality hydro-finished polyalphaolefins (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 and 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	ARIA SYN					
			32	46	68	100	150	220
Grade			32	46	68	100	150	220
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR
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
Density @15°C/ 60°F	ASTM D-4052	g/cm3	TBR	TBR	TBR	TBR	TBR	TBR
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

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.