

Synthetic Compressor Oil



Product Description

D-A Synthetic Compressor Oil is a premium synthetic fluid designed to exceed the demanding lubrication requirements of oil flooded rotary vane, screw and reciprocating type compressors. D-A Synthetic Compressor Oil conforms to ISO viscosity classifications 32, *46, *68, *100 and *150.

It is formulated from premium quality PAO synthetic base stocks combined with the latest developments in additive technology. This combination makes D-A Synthetic Compressor Oil superior in oxidation and thermal degradation resistance - providing the potential for extended drain intervals, fewer air filter changes and less oil carryover.

* Available by special order only.

Product Features and Benefits

Low temperature fluidity for low-torque start-up *reduces component wear.*

Formulated from premium quality synthetic base oils and additives *for super oxidation and thermal stability, resisting varnish and coke deposits.*

Exceptional oxidation stability *promotes extended drain intervals and reduced maintenance costs.*

Low vapor pressure means less lubricant vaporization *improving operational safety with reduced oil consumption.*

Special detergent/dispersant additives *limit formation of sludge, carbon and varnish deposits which interfere with proper compressor operation.*

Less oil carried downstream *results in fewer air filter changes and less oil that must be removed by oil/air separators.*

Excellent anti-friction and anti-wear properties *leading to energy savings and lower operating costs.*

Synthetic base oil combination is *compatible with seals and elastomers commonly found in compressed air systems.*

Excellent demulsibility *protects against rust and corrosion.*

USDA H-2 approved for use in plants where there is no contact with food.

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Service Applications

Oil Flooded Rotary Vane Compressors

Oil Flooded Screw Type Compressors

Air Compressors where the lubricant is injected directly into the airstream

Reciprocating (Piston-Type) Compressors (ISO 100 grade)

USDA H-2 approved for use in plants where there is no contact with food.

Typical Properties:

ISO Viscosity Grade	32	*46	*68	*100	*150
SAE Viscosity Grade	10	20	30	40	50
Viscosity, cSt @					
@ 100°C	5.8	7.8	10.0	14.1	20.4
@ 40°C	32.8	45.6	67.9	101.2	156.7
Viscosity Index	127	126	131	142	150
Pour Point °C (°F)	-34 (-29)	-29 (-20)	-24 (-11)	-24 (-11)	-24 (-11)
Flash Point °C (°F)	230 (446)	248 (478)	250 (482)	252 (486)	255 (491)
Rust, ASTM D665B	Pass	Pass	Pass	Pass	Pass
Demulsibility, ASTM D1401, min.	5	5	10	10	15
Foam, Sequence I, II, III	0/0	0/0	0/0	0/0	0/0
FGZ Wear	+12	+12	+12	+12	+12
API Gravity, 60/60°F	35.6	34.8	34.5	34.2	34.0
Copper Corrosion	1b	1b	1b	1b	1b
Carbon Residue, mg.	<0.1	<0.1	<0.1	<0.1	<0.1

*These are available by special order only.

Please contact D-A Indianapolis regarding pricing, minimum order quantity and lead time.

**To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823)
Or Fax orders to (317) 923-3884**

D-A Lubricant Company, Inc.

1340 W. 29th Street, Indianapolis, IN 46208 (317) 923-5321 • (317) 923-3884 FAX

www.dalube.com • dalube@dalube.com