

## PRODUCT DATA SHEET



### **SCO-10 SCO-10W20** **SCO-20 SCO-30 SCO-40** **SYNTHETIC AIR COMPRESSOR &** **VACUUM PUMP OIL SERIES**

## PRODUCT DESCRIPTION

Sentinel's Synthetic Air Compressor Oils (SCO Series) are specifically compounded to give long, trouble-free operation of air compressors and vacuum pumps. They are recommended for all reciprocating, rotary, centrifugal, lobe and screw type air compressors, either stationary or portable.

SCO Oil Series are recommended for all service conditions from intermittent light load to continuous heavy-duty applications where its superior performance becomes more apparent.

SCO Oil Series are made from highly refined, chemically stable, high viscosity index base stock, with a compounding including fortified high temperature ashless oxidation inhibitors, preventing gumming, sludge, and resin formation in the valves and working parts of the compressor.

Different from automotive oils approved for compressors and vacuum pumps, these products will not emulsify with water. They will not foam, and they will not form hard varnishes.

SCO Oil Series will tremendously reduce maintenance in all air compressors, as well as fire hazards and explosion risks.

## PRODUCT ADVANTAGES

- Extended drain intervals
- Extended oil separator service intervals
- Fewer air filter changes
- Improved compressor efficiencies
  - Less downtime
  - Reduced feed rates
  - Reduced oil carryover
  - Reduced vapor pressure
- Reduced equipment operational problems
  - Reduced oil consumption
  - Reduced maintenance costs
- Improved Safety
  - Eliminates seasonal oil change
- Excellent high temperature stability
  - Improved oxidation stability
  - Energy conservation
  - Less oil carryover
  - Cooler running

TO ORDER OR FOR ADDITIONAL INFORMATION

## QUALITY WITHOUT QUESTIONS!

SENTINEL LUBRICANTS CORP.  
P.O. BOX 69-4240 MIAMI, FLORIDA 33269-1240  
15755 NW 15<sup>TH</sup> AVENUE MIAMI, FLORIDA 33169-5603  
PH.(305) 625-6400 (800)842-6400 FAX(305) 625-6565  
WWW.SENTINELSYNTHETIC.COM



**SCO-10 SCO-10W20**  
**SCO-20 SCO-30 SCO-40**  
**SYNTHETIC AIR COMPRESSOR & VACUUM**  
**PUMP OIL SERIES**

**TYPICAL CHARACTERISTICS**

	<u>SCO 10</u>	<u>SCO 10W 20</u>	<u>SCO 20</u>	<u>SCO 30</u>	<u>SCO 40</u>	<u>ASTM METHOD</u>
ISO Viscosity Grade	32	46	68	100	150	D-2422
SAE Viscosity Number	10	20	20	30	40	SAE J-300
Viscosity cSt @ 100°C	5.9	7.3	10.6	14	17	D-445
@ 40°C	30.4	42.3	67.2	95	142	
Viscosity Index	142	136	155	151	130	D-2270
Pour Point °C (°F)	-43(-45)	-40(-40)	-40(-40)	-37(-35)	-35(-30)	D-97
Flash Point °C (°F)	232(450)	243(470)	243(470)	260(500)	260(500)	D-92
Foam Sequence I, II, III	-----Nil-----					D-892
Demulsibility 54.4°C (130°F)	-----40/40/0(15)-----					D-1401
Four Ball Wear, mm 40kg, 1200 rpm, 75°C (1hr)	-----.5-----					D-2266
Copper Corrosion 121°C(250°F), 3 hrs	-----1a-----					D-130
Rust Test	-----Pass-----					D-665AB
Conradson Carbon Residue %	-----.02-----					D-189
Autoignition Temperature °C (°F)	-----400(750)-----					D-2155
Oxidation Test, hrs	-----8000+-----					D-943
USDA Rating	-----H-2-----					
<b>PIN#</b>	<b>14000</b>	<b>14085</b>	<b>14010</b>	<b>14020</b>	<b>14030</b>	

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