

## TACO

### **TACO Air Compressor Oil Series**

TACO series of compressor oils are TTL's family of semi-synthetic oil which offer many of the advantages of fully synthetic oil at a lower cost. TACO's are formulated from a combination of synthetic fluids, high viscosity index (hydro-treated) oils and TTL's proprietary additive technology.

Extended drain intervals in Rotary, Vane, Centrifugal and Reciprocating Compressors are recorded regularly. Monitoring by oil analysis is recommended to properly determine oil drain intervals that may be extended up to 6000 hrs. in the elevated temperatures.

TACO oils will eliminate compressor and pump downtime by minimizing the harsh buildups experienced with the use of conventional oils.

These oils have better polar film lubricity and lower volatility than conventional oils. This permits lower reciprocating cylinder feed rates with less oil carry-over into the air stream, and more complete air/oil separation. The result is cleaner system air, reducing problems in air operated equipment and manufacturing processes.

TACO formulation are compatible with all known gasket and seal material and are non- non-reactive with materials found downstream, such as polycarbonate bowl, elastomers and paints. TACO formulations are totally compatible with mineral oils, but for maximum performance, TACO lubricants should be used exclusively and should not be mixed or diluted with existing product.

**TYPICAL PROPERTIES**

PRODUCT	TACO 32	TACO 46	TACO 68	TACO 100	TACO 150
ISO VG	32	46	68	100	150
SAE	10	20W	20	30	40
Specific Gravity	0.84	0.85	0.85	0.87	0.87
Viscosity					
cSt @ 40°C	32	46	68	100	150
cSt @ 100°C	5.7	7.3	9.6	12.7	17
SUS @ 100°F	150	214	315	464	695
SUS @ 210°F	45	50	58	69	86
Viscosity Index	119	120	121	122	122
Flash Point COC °F/°C	480/249	480/249	505/263	515/268	525/294
Pour Point °F/°C	-37/-38	-37/-38	-30/-34	-25/-32	-20/-29
Autoignition Temp. °F/°C	710/377	710/377	715/382	720/382	735/391
4 Ball Wear Test—1200rpm (167°F/75°C, 40 kg/1 hr.) Scar Diameter, mm	0.46	0.46	0.43	0.43	0.41
Copper Corrosion, 24 hrs.	1A	1A	1A	1A	1A
Total Acid Number	0.11	0.11	0.11	0.11	0.11
Evaporation Loss, % by wt 347°F/175°C, 72 hrs	<9	<9	<8	<7	<7
Demulsibility, 130°F/54°C ml Oil/Water/Emulsion (Minutes)	40/38/2(10)	40/38/2(10)	40/38/2(10)	40/38/2(15)	40/38/2(15)