



CTX - SYNCOMP

Fully Synthetic Compressor Oil



DESCRIPTION

CTX® SYNCOMP Compressor is a high-performance full synthetic oil specially designed for compressors, circulating systems, high performance hydraulic systems and R&O application. Contains top of the line ashless additives to meet the requirements of the major compressor’s manufacturers. Using new generation MULTIESTER technology to increase performance and protection of your compressor for heavy duty usage. Offer excellent protection against oxidation, extends equipment lifetime and has a very low foaming tendency. It has the advantage of giving very good anti-wear properties while preventing formation of deposit and sludge and has high demulsification capabilities to separate water from oil. Can last up to 6000hours in operation.

BENEFITS :

- Improved Oxidative stability
- Improved Foam control
- Excellent Hydrolytic stability
- Improved Rust protection
- Improved Thermal stability
- Very low acid number
- Excellent water separation
- Excellent anti-wear performance
- Good demulsifying properties

APPLICATION :

- Reciprocating air compressor crankcases and cylinders
- Rotary Screw compressors
- Rotary vane compressors
- Axial and centrifugal compressors
- Circulating systems
- Hydraulic systems
- R&O

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TYPICAL CHARACTERISTIC

Test Description	Unit	ISO 46	ISO 68	Test Method
Kinematic Viscosity @ 40°C	cSt	44,35	68	ASTM D 445
Kinematic Viscosity @ 100°C	cSt	7,93	11,57	ASTM D 445
Viscosity Index		151	165	ASTM D 2270
Flash Point (COC)	°C	265	265	ASTM D 92
Pour Point	°C	-25	-25	ASTM D 97
Specific gravity @15°C		0,829	0,835	ASTM D 4052
Total Acid Number	mg KOH/g	0,07	0,07	ASTM D 664-17a
Copper Corrosion				ASTM D 130
3h/100°C		1a	1a	
24h/100°C		1b-2a	1b-2a	
Steel Corrosion		pass / 0	pass / 0	ASTM D 665
Procedure A (distilled water)		0	0	
Procedure B (synth sea water)		0	0	
Demulsification capacity/54°C				ASTM D 1401
Oil-water-emulsion (ml)	ml	40-40-0	40-40-0	
Separation time (min)	min	15	15	
Color		< 1.0	< 1,0	ASTM D 1500

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MEETS OR EXCEED THE REQUIREMENTS OF :

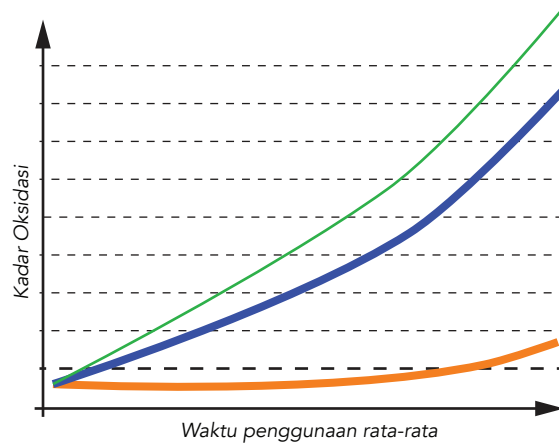
- DIN 51524 PART 1(HL) / DIN 51517 PART 2 (CL)
- AFNOR NF E 48-603 (HL)
- Cincinnati-Machine
 - o P-38(HL-32) o P-55(HL-46) o P-54(HL-68) o P-57(HL-150)
- DIN 51515 PART 1 (L-TD) / PART 2 (L-TG)
- Siemens TLV 9013 04/01
- British Standard BGS 489
- General Electric GEK 32568 A/C
- MIL-L-17572 D
- US Steel 120
- DIN 51506 (VBL, VCL , VDL) ISO / DP 6521 (DAA, DAB, DAH, DAG)

AVAILABILITY:

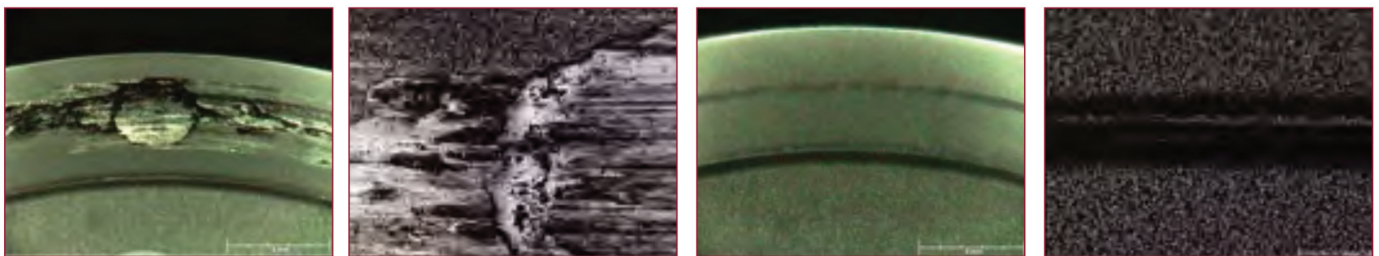
Case of 20 Liters, 200 litres.



Using a high pressure differential scanning calorimetry (HPDSC) method, the oxidative induction time of oils is measured at high temperature and under high pressure in the presence of pure oxygen. The following test conditions were used to exemplify the oxidative stability properties of CTX **MultiEster technology**.



◆ Without Ester ◆ Other Ester ■ CTX MultiEster



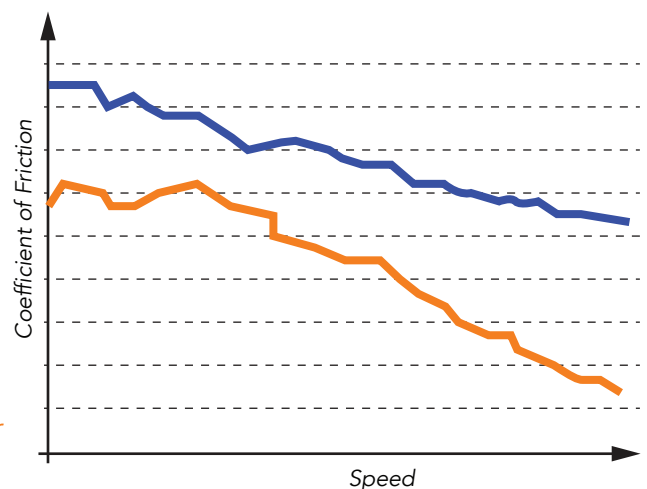
without Ester

with CTX MultiEster

The two images on the left show the resulting wear of the reference fluid blend without ester, whereas the two on the right clearly demonstrate that the inclusion of CTX MultiEster offers ultimate protection against wear in your engine via film formation

The coefficient of friction properties of CTX MultiEster have been exemplified using an MTM test rig.

In comparing CTX against other ester we find on the market, CTX MultiEster shows a reduction in the coefficient of friction across both the boundary and mixed lubrication regimes.



◆ Other Ester ■ CTX MultiEster