

# Compressor

## SERVICE TIPS

### Air Compressor Service and Maintenance Tips From Atlas Copco

TO : DISTRIBUTOR CONTACTS AND SERVICE MANAGERS  
NO. : 70  
DATE : NOVEMBER 5, 1986  
SUBJECT: LUBRICATION SERVICE AIR COMPRESSORS

Select the correct lubricant for the LE/LT and TE Series Compressors from the Specification Chart attached.

Type L compressors shipped from the factory may contain a PAO synthetic lubricant. The compressors may be identified by a yellow label at the oil filler plug stating the unit contains "airlet fluid". Airlet fluid is equivalent to Chevron-Gulf GSL 838A. Units not containing "airlet fluid" (no yellow label) are filled with mineral oil according to specification on attached lubrication chart.

Check oil level daily and add if necessary. Oil level should be visible within the sight glass. Different brands and/or grades of oil should never be mixed.

Refer to lubrication chart for oil change time intervals. It may be necessary to change oil more frequently if unit is operating in a dirty or harsh environment.

The crankcase oil capacity of each compressor model is given in the (principal data) section of the Instruction Book.

Service Administration

PLEASE DISTRIBUTE TO ALL APPLICABLE SERVICE PERSONNEL

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LUBRICATION LE/LT/TE COMPRESSORS

LUBRICANT	AMBIENT TEMPERATURE	VISCOSITY GRADE	A. P. I. SERVICE	COMPRESSOR	CHANGE INTERVAL	(2) BRAND
MOTOR OIL MINERAL	50° F to 104° F	SAE 15W40 SAE 20W50	CD	TE	200 HRS. (1)	
	5° F to 70° F	SAE 10W SAE 10W30				
	5° F to 104° F	SAE 10W20	SE/CC SE/CD	LE/LT	2000 HRS. (1)	
MOTOR OIL SYNTHETIC	5° F to 104° F	SAE 5W30	SF/CD	TE/LE/LT	2000 HRS. (1)	MOBIL 1
PAO SYNTHESIZED HYDROCARBONS (POLYALPHAOLEFINE)	-15° F to 104° F	ISO VG 32	SF/CD	LE/LT	2000 HRS. (1)	NUDEX ANDEROL 3032 CHEVRON/GULF GSL-838A (3)
DIESTER SYNTHETIC	-15° F to 122° F	ISO VG 32	SF/CD	LE/LT	ANNUALLY	NUDEX ANDEROL 495  MOBIL RARUS 824
	-15° F to 122° F	SAE 10W40	SF/CD	LE/LT	ANNUALLY	NUDEX ANDEROL 800

- NOTES:
- (1) Change interval shown (hours) or annually, whichever occurs first.
  - (2) Atlas Copco does not recommend the use of specific lubricants. These lubricants appear to meet the specifications. There may be other quality lubricants which also meet these specifications.
  - (3) If the local supplier of either Chevron or Gulf industrial lubricants cannot supply this fluid, contact the Synthetic Fluids Business Group, Chevron Chemical Company at Houston, Texas. Telephone 800-231-0172.