



# COMPRESSOR OILS

## Long Life Compressor Oil

### Features

- Non-zinc based additives package
- Does not contain dispersants
- Little tendency to foam & form emulsions
- Resists oxidation
- Reduces deposit formation
- Hydrovane rated to 7,000 hours
- TUV

### Benefits

- Suitable for all types of air compressor
- Wide range of grades available
- Simplifies plant lubrication
- Excellent all-round performance
- Increased oxidation protection
- Superior thermal stability
- Excellent air and water separation
- Excellent wear protection

Irving **COMPRESSOR OILS** are specially made for the proper lubrication of a wide variety of air compressor types. The combination of top quality mineral base oils and special additives provides long oil and compressor life even in the toughest conditions.

Irving **COMPRESSOR OILS** provide excellent wear protection without the use of zinc-based additives. This is an advantage with some screw-type compressors where the zinc can encourage deposits on the housing wall. Irving **COMPRESSOR OILS** do not contain the dispersants typically found in engine oils and so show very little tendency to foam or form emulsions when water is present.

Irving **COMPRESSOR OILS** have excellent resistance to oxidation and the formation of deposits even when working at discharge temperatures as high as 90°C. Under more normal conditions drain intervals of 1000 hours, or more, are possible. To maximize oil drain interval, consider using Irving Oil's In-Service Oil Analysis program.

For significantly longer drain intervals, up to 9,000 hours, consider using Irving **SYN COMPRESSOR OILS**.

Irving **COMPRESSOR OILS** simplify the choice of lubricant where various types of air compressor are in service, including piston, vane, screw, scroll and lobe compressors. They are not suitable for use where gases other than air are being compressed.

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## Typical performance results

ISO GRADE	10	32	46	68	100	130
ASTM COLOUR	1.0	1.0	1.0	1.5	2.0	2.0
VISCOSITY (D-445)						
cSt @ 40°C	11.1	32.8	47.0	68.4	99.6	126.1
cSt @ 100°C	2.8	5.4	6.8	8.7	11.1	12.9
VISCOSITY INDEX (D-2270)	92	98	98	98	96	95
DENSITY	0.851	0.876	0.879	0.882	0.885	0.888
FLASH POINT (°C) (D-92)	200	226	228	258	272	242
POUR POINT (°C) (D-97)	n.d.	-27	-27	-30	-24	-6
FOAM PREVENTION (D-892)						
Seq. 1, Tendency/Stability (ml)	0/0	0/0	0/0	10/0	0/0	0/0
DEMULSIBILITY @ 54°C (D-2711)						
ml. Oil	n.d.	42	46	46	46	43
ml. water		38	33	33	33	37
ml emulsion (minutes)		0 (5)	1 (5)	1 (5)	1 (5)	0 (25)
RUST PREVENTION (D-665B)	PASS	PASS	PASS	PASS	PASS	PASS
OXIDATION (D-943)						
Hours to 2.0 TAN	n.d.	>2500	>2500	>2500	>2000	>2000

## Available sizes & part numbers

Compressor Oil	946mL (1 US quart)	3.78L (1 US gal)	18.9 L Pail (5.0 US gal)	205 L Drum (54.2 US gal)	1000L Cube (264 US gal)	Bulk
Compressor 10			F0080940			
Compressor 32			F0078440	F0000650		
Compressor 46			F0083340	F0000750		
Compressor 68			F0083440	F0000850		
Compressor 100			F0083140	F0000450		
Compressor 130			F0083240	F0000550		

Check with sales representative or website for the latest product approvals.



Lubricants

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