

# SYNOLAN DE



COMPRESSORS



**TOTAL**

## Synthetic (Diester) Lubricant for Compressors.

### APPLICATIONS

Synthetic oils for all types of compressors.

- **SYNOLAN DE** oils are fully synthetic compressor lubricants designed to give long life to all types of air compressors. They are formulated from high quality diester base stocks and the latest developments in additive technology.
- **SYNOLAN DE** are formulated to minimize the formation of deposits, lacquer, and sludge normally found in these type systems. Reduced deposits mean less down time, reduced component wear and improved compressor efficiencies.

### SPECIFICATIONS

- NF-ISO 6743 CLASSIFIED DAC and DAJ FOR HEAVY DUTY APPLICATIONS
- MEETS DIN 51 506 VDL REQUIREMENTS

### ADVANTAGES

Excellent performance under heavy duty conditions.

- Fully synthetic, diester based fluids.
- Performs up to 8000 hours in rotary screw compressors.
- Excellent thermal stability and resistance to oxidation.
- Ashless - no heavy metals.
- Detergency insures the compressor remains free of sludge and deposits.
- High and low temperature service.
- Excellent anti-wear, anti-corrosion, anti-foam, rust and oxidation protection.
- Anti-foaming protection.
- Lowers fluid and energy consumption.

TYPICAL CHARACTERISTICS	METHODS	SYNOLAN DE				
		32	46	68	100	150
Appearance	Visual					
Viscosity at 40°C, cSt	ASTM D 445	32.0	46.0	68.0	100.0	150.0
Viscosity at 100°C, cSt	ASTM D 445	5.2	6.6	7.3	9.4	12.9
Density @ 60°F, lbs./gal.	ASTM D 1298	7.88	7.91	7.94	7.99	8.03
Specific Gravity @ 60/60°F	ASTM D 1298	0.944	0.948	0.953	0.959	0.962
Pour Point, °F	ASTM D 97	-50	-45	-40	-30	-20
Flash Point, COC, °F	ASTM D 92	470	480	485	490	525
4 Ball Wear-40kg, 1200rpm at 75°C, 1hr, scar dia., mm	ASTM D 4172	0.74	0.73	0.72	0.71	0.67
Evaporation, 6 1/2 hrs, 400°F, %		8.0	6.0	5.0	4.0	3.0
Conradson Residue, %	ASTM D 189	Nil	Nil	Nil	Nil	0.01
Demulsibility, 130°F, (mL oil/mL water/mL emulsion), (min.)	ASTM D 2711	40/40/0 (5)	40/40/0 (10)	40/39/1 (15)	39/39/2 (60)	38/37/5 (60)

## TOTAL Specialties US, Inc.

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SYNOLAN DE Series: 09172013