

DACNIS SB



COMPRESSOR
LUBRICATION



TOTAL

Air compressor oil made with synthetic blend technology

APPLICATIONS

Portable rotary air
compressor service

- **DACNIS SB OILS** are oils made with selected base oils and additives to control volatility, oxidation, wear and deposits. Synthetic blend technology is especially recommended for portable air compressors where air borne contamination often shortens the oil life below the recommended drain interval.
- **DACNIS SB OILS** exceed the performance of ATF or R&O oils which may be offered as air compressor oils. The most common grade, ISO 46, is an enhanced synthetic blend with longer life, demulsibility, etc than the other grades.

SPECIFICATIONS

ISO 9743-3 Class DAA (reciprocating) and DAH (rotary)
Recommended to replace "mineral oil" or "hydrotreated petroleum" or "synthetic blend" based air compressor lubricants offered from following manufacturers of air compressors: Atlas-Copco, Compair, Gardner-Denver, Ingersoll-Rand, Kaeser, LeRoi, Quincy, Sullair and others.

ADVANTAGES

Technical characteristics

- **DACNIS SB** is ashless anti-wear oil with controlled volatility
- Contains ingredients to reduce sludge and deposits
- Good chemical stability with resistance to oxidation
- Excellent anti-corrosion and anti-foam resistance.
- Intermediate priced between synthetics and mineral oils

TYPICAL CHARACTERISTICS—DACNIS SB

	32	46	68	100	150
ISO grade	32	46	68	100	150
Specific gravity @ 60/60°F (ASTM D 1298)	0.877	0.877	0.876	0.876	0.879
Viscosity @ 40°C, cSt (ASTM D 445)	31.2	45.8	66.3	99.2	147
Viscosity @ 100°C, cSt (ASTM D 445)	5.27	6.68	8.48	11.2	14.6
Viscosity Index (ASTM D 2272)	99	97	97	99	98
Pour point, °F (°C) (ASTM D 97)	-30 (-34)	-30 (-34)	-25 (-32)	-25 (-32)	-22 (-30)
Flash point °F (°C) (ASTM D 92)	420 (216)	445 (229)	470 (243)	520 (271)	495 (257)
Emulsion tendency, minutes (ASTM D 1401)	15+	10	20+	-	-
4-ball wear scar, mm (ASTM D 4172) (1200 rpm, 167 °F, 40 kg)	0.6	0.55	0.6	0.6	0.6

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Dacnis SB Series
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