

# DACNIS SE NA SERIES



COMPRESSOR  
LUBRICATION



TOTAL

Air compressor oil made with synthetic ester technology

## APPLICATIONS

### Reciprocating and rotary air compressor service

Lubrication and cooling of the following types of air compressors:

- high pressure reciprocating air compressor (ISO VG 100 and 150)
- screw and rotary vane air compressor (ISO VG 32, 68 or 100)
- turbocompressors (ISO VG 68)
- vacuum pumps (ISO VG 100).

## SPECIFICATIONS

ISO 6743-3 classified DAC and DAJ for heavy duty applications.  
**DACNIS SE NA** meets the DIN 51 506 VDL requirements.

## ADVANTAGES

### Performance under severe conditions

### Wide operating range conditions

- Excellent thermal stability of the lubricant under high temperature conditions.
- Low foaming tendency for turbocompressor applications.
- Compressor start up by  $-20^{\circ}\text{C}$ .
- Operating conditions at discharge temperature up to  $250^{\circ}\text{C}$  and discharge pressure up to 200 bars.

### TYPICAL CHARACTERISTICS—DACNIS SE NA OILS

	32	68	100	150
Specific gravity @ 60/60°F (ASTM D 1298)	0.989	0.970	0.961	0.961
Viscosity @ 40°C, cSt (ASTM D 445)	32/4	79/3	09/9	151
Viscosity @ 100°C, cSt (ASTM D 445)	7/7	9/0	0//8	14/2
Viscosity index (ASTM D 2272)	164	104	68	90
Pour point, °F (°C) (ASTM D 97)	-65 (-54)	-45 (-45)	-25 (-33)	-15 (-27)
Flash point °F (°C) (ASTM D 92)	505 (264)	510 (266)	510 (266)	505 (264)
Emulsion tendency, minutes (ASTM D 1401)			-	-
4-ball wear scar, mm (ASTM D 4172) (1200 rpm, 167 °F, 40 kg)	0.5	0.5	0.5	0.5
Carbon residue, Conradson, % (D189)	0.08	0.04	0.01	0.01
Auto ignition point °F (°C) (ASTM E 659)	770 (410)	770 (410)	775 (413)	765 (407)
Evaporation, 6.5 hours, 400F, %	8	5	4	3
Thermal conductivity, cal/hr/cm2	1.2	1.3	1.3	1.4

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**Dacnis SE NA Series**  
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TOTAL Lubricants USA with a policy of continuous improvement, reserves the right to change specifications as our technology progresses.  
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