

# DACNIS



COMPRESSORS



**TOTAL**

## Mineral Oils for Rotary and Reciprocating Compressors.

### APPLICATIONS

Oils for rotary and reciprocating compressors.

- **DACNIS** oils are mineral oil based compressor lubricants with specific high performance additives designed to lubricate screw and reciprocating air compressors.
- **DACNIS** 32, 46, or 68 for screw compressors:
- **DACNIS** 68, 100, or 150 for reciprocating compressors:
- **DACNIS** oils are formulated for use in conditions where the discharge temperature does not exceed 100°C, otherwise, the use of a synthetic oil is preferred.

### SPECIFICATIONS

- ISO 6743-3 classified DAG & DAB for heavy-duty applications.
- DIN 51 506 VD-L for the use of **DACNIS** 100 & 150 in reciprocating air compressors.
- Depending on the viscosity grade, **DACNIS** meets the OEM requirements of:
- BAUER, CIRBUS, COMPAIR, DRESSER RAND, NEUENHAUSER, SAUER & SOHN, SULZER BURCKHARDT, TANABE...

### ADVANTAGES

Optimizes compressor efficiency.

Lowers operating costs.

- Optimizes compressor efficiency thereby reducing operating costs.
- Superior valve performance versus competitive products .
- Very high resistance to oxidation.
- Protects components against wear and corrosion.
- High viscosity index insures startup at low temperatures.
- Anti-clogging property extends the service life of particulate separating filter elements.
- Excellent anti-wear, anti-corrosion, anti-foam, rust and oxidation protection.

TYPICAL CHARACTERISTICS	METHODS	DACNIS				
		32	46	68	100	150
Viscosity at 40°C, cSt	ASTM D 445	32	46	68	100	150
Density @ 60°F, lbs./gal.	ASTM D 1298	7.306	7.348	7.389	7.423	7.448
Specific Gravity @ 60/60°F	ASTM D 1298	0.875	0.881	0.885	0.889	0.893
Pour Point, °F	ASTM D 97	-16	-16	-5	21	21
Flash Point, COC, °F	ASTM D 92	471	460	478	528	543
Conradson Residue, %wt.	ASTM D 189	0.13	0.13	0.11	0.04	0.11

## TOTAL Specialties USA, Inc.

Linden, NJ 07036

5 North Stiles Street

1-800-323-3198

www.totalspecialties.com

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at [www.totalspecialties.com](http://www.totalspecialties.com). Copyright 2016 All rights reserved.