



## Technical Data Sheet

- PROTECTION FROM DEPOSITS AND CORROSION
- SUITABLE FOR RESIDUAL, BLENDED AND DISTILLATE FUELS

# Pure Tech Trunk Piston S2 40

Lubricants for medium-speed trunk piston engines

Pure Tech Trunk Piston S2 40 is a multifunctional crankcase lubricant for highly rated medium-speed diesel engines operating on residual, blended or distillate fuels. Pure Tech Trunk Piston S2 40 has a BN of 20 and is designed for conditions of low oil stress.

## MAIN APPLICATIONS

Medium-speed industrial or marine propulsion and auxiliary engines, burning residual, blended or distillate fuel oils, which create conditions of low oil stress. These conditions usually occur:

- In newer engine designs, less than 10 years old
- Where oil consumption is > 1.5 g/kWh
- Where load factors are <70%
- Where fuels with sulphur <2% are in use

Trunk Piston S2 40 can also be used in marine engine reduction gears and certain other ship-board applications, where specialist lubricants are not required.

## TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES	METHOD	TRUNK PISTON S2 40
SAE grade (viscosity class)		40
Kinematic Viscosity @40°C	mm <sup>2</sup> /s	ASTM D445 131
Kinematic Viscosity @100°C	mm <sup>2</sup> /s	ASTM D445 13.7
Viscosity Index		ASTM D2270 100
Density @15°C	kg/m <sup>3</sup>	ASTM D4052 900
Flash Point (PMCC)	°C	ASTM D93 230
Pour Point	°C maximum	ASTM D97 -9
Base Number	mg KOH/g	ASTM D2896 20
Sulphated Ash	% m/m	ASTM D874 2.6
Load Carrying Capacity (FZG Gear Machine)	Failure load stage	ISO 14635-1 A/8.3/90 11

## HEALTH, SAFETY & ENVIRONMENT

### Health and Safety

Pure Tech Trunk Piston S2 40 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

