



## 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.

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