



## Technical Data Sheet

- EXTRA PROTECTION
- OPERATIONAL SIMPLICITY

# Pure Tech Cylinder Super S4

Cylinder Lubricant for two-stroke low speed diesel engines

Pure Tech Cylinder Super S4 is a wide range cylinder lubricant designed for use in two-stroke low speed diesel engines. Pure Tech Cylinder Super S4 is suitable for use with engines burning residual fuel oils between 0.5% and 3.5% sulphur and removes the need for ship operators to carry two lubricant types to cover both low and high sulphur fuels.

It has been especially formulated to deal with all aspects of Oil Stress found in most non-critical engine designs

### RELIABLE ENGINE PERFORMANCE:

- **Engine protection:** Pure Tech Cylinder Super S4 offers acid neutralising properties which help to prolong the life of components. It has superior deposit control and minimises deposit build up on pistons, piston rings, ring grooves, under piston spaces and in cylinder ports.
- **Operational simplicity:** Pure Tech Cylinder Super S4 is a wide range lubricant suitable for use with all types of residual fuel oil. It will also offer protection from the effects of oil stress in non critical engines designs under many different operating conditions, such as slow steaming.

### MAIN APPLICATIONS

- **Two-stroke low speed diesel engines:** Cylinder lubrication of all types of non-critical two-stroke low speed diesel engines burning residual fuel oil from 0.5 – 3.5% sulphur levels.

### TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES	METHOD	CYLINDER S4
SAE Viscosity Grade		50
Viscosity Index	ASTM D2270	95
Density @15°C kg/l	ASTM D4052	0.926
Flash Point (Closed) Pensky Martens °C	ASTM D93	210
Pour Point °C	ASTM D97	-6
BN mg/KOH/g	ASTM D2896	60
Sulphated Ash % wt	ASTM D874	7.4

### HEALTH, SAFETY & ENVIRONMENT

#### Health and Safety

Pure Tech Cylinder Super S4 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.

