



## Technical Data Sheet

- IMPROVED ENGINE OPERATION AND RELIABILITY
- LOWER MAINTENANCE COSTS

# Pure Tech Marine System S 30

Multifunctional Lubricant for low speed marine diesel engines

PureTech Pakistan Marine System S 30 is a high performance multifunctional low speed diesel engine lubricant based on a blend of highly refined high viscosity index mineral oils and a balanced selection of additives. It is designed to provide the highest levels of machinery protection in highly rated low speed marine engines, but being multifunctional, can also be used in many different items of marine equipment and used to rationalise the number of grades of lubricant carried on board ship. Please note that Marine System S 30 is NOT recommended for trunk-piston engines and in these cases Marine System S 30 should be used.

### IMPROVED ENGINE OPERATION AND RELIABILITY

- Marine System S 30 effectively neutralises the highly corrosive combustion acids which can contaminate the main system when cylinder oil drains leak past piston rod glands
- Good resistance to corrosion results in protection of metal surfaces from corrosion
- Good detergency keeps crankcases and under piston spaces clean and optimise efficiency

### MAIN APPLICATIONS

- Low speed marine diesel engine crankcase and piston cooling systems
- Turbochargers, geared transmissions, oil lubricated stern tubes & deck machinery
- All ancillary equipment requiring an SAE 30 oil

### TYPICAL PHYSICAL CHARACTERISTICS

| PROPERTIES             |        |                    | METHOD       | MARINE SYSTEM S 30 |
|------------------------|--------|--------------------|--------------|--------------------|
| SAE Viscosity Grade    |        |                    |              | 30                 |
| Kinematic Viscosity    | @40°C  | mm <sup>2</sup> /s | ASTM D445    | 104                |
| Kinematic Viscosity    | @100°C | mm <sup>2</sup> /s | ASTM D445    | 11.6               |
| Viscosity Index        |        |                    | ASTM D2270   | 102                |
| Density                | @15°C  | kg/l               | ASTM D4052   | 0.888              |
| Flash Point (CC)       |        |                    | ASTM D93     | 227                |
| Load Carrying Capacity | FZG    | Fail Stage         | FZG A/8.3/90 | 11                 |
| Pour Point             |        |                    | ASTM D97     | -18                |
| TBN-E                  |        |                    | ASTM D2896   | 5                  |
| Sulphated Ash          |        |                    | ASTM D874    | 0.62               |

### HEALTH, SAFETY & ENVIRONMENT

#### Health and Safety

Pure Tech Marine System S 30 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.

