**TITAN PSW 55**

**Marine and stationary engine oil according to API CF**

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| **Description**TITAN PSW 55 SAE 40is a high quality, alkaline dual purpose API CF level lubricating oil specially formulated to meet the requirements of medium speed trunk piston diesel engines operating on heavy residual fuel with sulfur level up to 2% and above. TITAN PSW 55 SAE 40 provides the necessary extra alkalinity to effectively neutralize acidic products of combustion when operating on heavy residual fuels or crude oils and to give a high level of detergency to keep pistons and piston rings of deposits.**Application**TITAN PSW 55 SAE 40is blended with latest technology additive packages developed especially for use with engines burning heavy residual fuels and crude oil. The additive system has been extensively tested in Wartsila, MWM Deutz and MAN B&W engines. TITAN PSW 55 SAE 40 has undergone extensive field trials on Wartsila engines and based on the results of engine inspection, Wartsila Engine division approves the use of the product in engines operating on Wartsila fuel standards ISO-DMC, ISO-F-RMA 30-RMK 700 and CRO.  | In the engines types Wartsila Vasa 22/22/26 and Wartsila Vasa 32 / 32LN, the suitability of SAE 40 grade depends on the capacity of the lubricating oil cooler used in the installation. In the engine types Wartsila Vasa 32, Wartsila 20, 26, 32, 38, 46, 68, the use of TITAN PSW 55 SAE 40 is recommended in heavy fuel installations, especially if fuel sulfur content in above 2.0% mass.**Advantages/Benefits*** The use of TITAN PSW 55 SAE 40 will ensure engine cleanliness, resulting in longer periods between overhauls.
* TITAN PSW 55 SAE 40 is fully inhibited for protection against bearing corrosion
* TITAN PSW 55 SAE 40 has a high level of oxidation resistance to prevent premature ageing and to give longer oil life
* TITAN PSW 55 SAE 40 offers optimum alkalinity to neutralize acidic by-products of combustion.

**Specifications/Approvals*** API CF
* Wartsila
* MWM Deutz
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**CHARACTERISTICS**

**TITAN PSW 55 SAE 40**

Density @ 35 oC 0.913 g/ml ASTM D 4052

Flash Point, CoC 248 oC ASTM D 95

Pour Point -12 oC ASTM D 97

Kinematic Viscosity @ 40 oC 158 mm2/s ASTM D 445

Kinematic Viscosity @ 100 oC 15.5 mm2/s ASTM D 445

Viscosity Index 99 - ASTM D 2270

TBN 55 mg KOH/g ASTM D 2896