



MERAK SYSTEM OIL

MERAK SYSTEM OIL SAE 30, 5.0 TBN high quality marine engine system oil developed for high output, low speed, two-stroke crosshead diesel engines burning residual fuel. The system oil has a special low ash detergent/dispersant additive combination to control oxidation and sludge, deposit formation in the crankcase, crosshead and piston under-crown during oil cooling.

APPLICATIONS

- ◆ Modern large, low rpm two-stroke crosshead engine crankcase lubrication
- ◆ Marine Two Stroke stationary power generation engines
- ◆ Marine Two Stroke engines with under-crown piston cooling

PERFORMANCE STANDARDS

Caterpillar CMOT Pass

FZG 10 Stage Pass

CRC L-38 Bearing Weight Loss Pass

Water Shedding TBN Loss mg KOH/g 0.30, <0.05% mass water content

BENEFITS

Merak System oil provides:

- ◆ Superior demulsibility and filterability
- ◆ Excellent dispersancy to control the formation of acid sludge
- ◆ Neutralisation of combustion acids
- ◆ Protection against bearing corrosion
- ◆ Good oxidation performance to control oil thickening

Technical Data*	
SAE Viscosity Grade	30
Kinematic Viscosity	
mm ² /s @ 100°C	10
mm ² /s @ 40°C	90
Viscosity Index	99
Pour Point, °C	-15
Total Base Number ASTM D2896	5.0
Sulphated Ash %m	0.6
Product Code	1930

Color Varies from Country to Country. Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. Advice and opinion noted herein are given in good faith and on the basis of the best information available, information is based on past history of the grade only and must not be construed as a guarantee of performance nor any legal liability is accepted by Tesla Corporation or any of its affiliates. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest TESLA office or at www.teslalube.com. © Tesla Corporation, 2011

Product Nr: 1930

Date Issued: 01-11-2011

Date Superseded:

Revision nr:

TESLA TECHNOPRODUCTS FZE

(A Subsidiary of York & Boston LLC USA)

Dubai Office: PO BOX 114132, Dubai, UAE

Phone: 971(4) 455 1070: Fax (971) (4) 455 1071 Cell: (971)(50) 1144201

email: info@teslalube.com