

## Trunk piston oil SAE 40 TBN 15

### Description

Marine TP 15 series are high performance trunk piston engine oil for medium speed marine and industrial type trunk piston engines operating on low Sulphur distillate fuel (Sulphur upto 1.0%). Marine TP Series are recommended for crankcase lubrication in medium-speed marine type diesel engines. They also be used to separate bearing lubrication and piston cooling of large crosshead type engine under severe service conditions at appropriate viscosity grades.

### REDEFINING LIQUID ENGINEERING

### Performance Benefits

<b>Excellent TBN retention, with low oil consumption</b>	<b>Controls black sludge deposits thus increasing oil filter life and reduces cleaning frequencies.</b>
<b>Low under crown deposits</b>	<b>Excellent TBN retention with low oil consumption</b>
<b>Increased protection against cylinder and bearing wear.</b>	<b>Improved anti wear properties, reduces ring &amp; liner wear.</b>

### Applications

TESTING METHODS	RESULTS
SAE GRADE	SAE 40
VISCOSITY, ASTM D445	
cSt @ 40 °C	129.40
cSt @ 100 °C	14.04
Viscosity Index, ASTM D 2270	111
Sulfanated Ash, Wt%, ASTM D874	1.0
Total Base # , mg KOH/g, ASTM D 2896	15
Pour Point, °C, ASTM D 97	-25



Flash Point, °C, ASTM D 92	235
Density @ 15°C kg/l, ASTM D 4052	0.88

## Approval

*Exceeds: AFNOR NFE-48-603, ISO 11158 HV, DIN 51524/3 HVLP, Denison HF-1, Cincinatti P-70, Sauer Danfoss 520L0463, Eaton Vickers M-2950-S/I-386*

PRODUCTS AVAILABLE IN 18L, 200L

## Health, Safety & Environment

### Health and Safety

- Our Lubricant 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.
- Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.
- Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.advancelubholdings.com>
- Protect the Environment Take used oil to an authorized collection point.
- Do not discharge into drains, soil or water. Additional Information Advice on applications not covered here may be obtained from our representative.