Technical Data Sheet

MARINE TRUCK PISTON ENGINE OILS,TPE 30,40

MADE IN UAE

INTRODUCTION

DANA TRUNK PISTON ENGINE OILS are marine multi-functional crankcase lubricants for highly rated medium-speed diesel engines operating on residual fuel, specially formulated to help reduce deposits in critical areas (e.g. piston under- crown) & gives long-term protection against corrosion of ferrous and non-ferrous metals.

APPLICATIONS

DANA TRUNK PISTON ENGINE OILS are designed for lubrication off medium-speed industrial or marine propulsion and auxiliary engines, burning residual fuel oils & some medium and high-speed engines burning distillate fuel, where a high Base Number, high ash lubricant is suitable. Suitable for bearings and stern-tubes, reduction gear lubrication.

DANA DP 30030 & 40030 are designed for conditions of moderate oil stress.

DANA DP X 40040 is designed for conditions of high oil stress and has been formulated to help improve deposit control.

DANA DP XL 40050 is designed for conditions of very high oil stress and has been further optimized to improve
deposit control.

PROPERTIES

DANA TRUNK PISTON ENGINE OILS combines an exclusive formulation of latest additive technologies and highly refined base oils to provide a substantial safety margin to cope with the higher stress levels even with the latest and future designs of diesel engines. Particularly suitable for low or very low oil consumption engines operating with a poor quality residual fuel.

PRODUCT BENEFITS

- ✓ Excellent resistance to the negative effects of contamination with residual fuel.
- ✓ Excellent thermal resistance and high temperature oxidation resistance.
- ✓ Excellent control of viscosity increase leading to reduced top-ups
- ✓ Very good wear protection and very good oil film strength at extreme pressures
- ✓ Reduced build-up of heavy deposits in the engine leading
- ✓ to a reduction in maintenance costs.
- ✓ Excellent engine cleanliness

Technical Properties

	TP 30030	TP 40030	TP X 40040	TP XL 40050
SAE Viscosity Grade	30	40	40	40
Product code	12688ML	12589ML	12590ML	12591ML
Density at 15 °C, g/ml, ASTM D4052	0.913	0.916	0.916	0.921
Kinematic Viscosity at 40 °C, mm²/s, ASTM D445	110	135	135	135
Kinematic Viscosity at 100 °C, mm²/s, ASTM D445	12	14	14	14
Viscosity Index, ASTM D2270	100	100	100	100
Flash Point(COC), °C, ASTM D92	212	226	205	230
Pour Point, °C, ASTM D97	-18	-18	-18	-18
Total Base Number, mg KOH/g, ASTM D2896	30	30	40	50
Sulphated Ash, %wt, ASTM D874, max	3.7	3.7	4.9	6.1
Load Carrying Capacity (FZG) Fail Load Stage, (IP 334)	11	11	10	11

STANDARD PACKING: (net weight) drums 208 Litre Drum.

SAFETY AND HANDLING: We recommend information on safety and handling to the MSDS of the product.