



Makina Grease & Lubricants Manufacturing L.L.C.

MarEng 3030

Description

MarEng 3030 is a multifunctional crankcase lubricant for highly rated medium speed diesel engines operating on residual fuel. MarEng 3030 is designed for conditions of moderate oil stress.

Application

- Good wear performance.
- Good thermal & anti-oxidation stability.
- Excellent anti-foam properties.
- Tolerant to water contamination.
- Rapid neutralization of acidic combustion products gives long term protection against corrosion of ferrous and non-ferrous metals.
- Suitability for centrifugal separators high detergency/low detergency formulation releases contaminants and water readily in centrifugal separator.
- Marine engine reduction gears and certain other ship board applications, where specialist lubricants are not required.

Care and Handling

- Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Packing and Storage

- Supplied in bulk and drum of approximately 210 liters. Ensure drums are tightly re-sealed after use.
- All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum marking.
- Product should not be stored above 60°C, exposed to hot sun or freezing condition.



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Typical Characteristics

| PROPERTIES | UNITS | TEST METHOD | 3030 |
|-------------------------------|--------------------|-------------|------|
| SAE VISCOSITY GRADE | | | 30 |
| KINEMATIC VISCOSITY, at 40°C | mm ² /s | ASTM 445 | 105 |
| KINEMATIC VISCOSITY, at 100°C | mm ² /s | ASTM 445 | 11.9 |
| VISCOSITY INDEX | | ASTM D2270 | >95 |
| DENSITY at 15°C | kg/L | ASTM D-4052 | 0.9 |
| FLASH POINT (PMCC) | °C | ASTM D93 | >200 |
| POUR POINT | °C | ASTM D97 | <-21 |
| TOTAL BASE NUMBER | mg/KOH/g | ASTM D2896 | 30 |
| SULPHATED ASH | %wt | ASTM D874 | 3.7 |