

# PERTAMINA

# SALYX

## 15 - SERIES

**F**ormulated from High Viscosity Index (HVI) base oil with salicylate based additive package intended for medium speed diesel engine lubricant.

SALYX 15 series has sufficient total base number to neutralize combustion acid. It has good base number retention that gives longer drain interval; provides optimum protection against rust, corrosion and excessive wear.

SALYX 15 series has very good oxidation stability, good detergency and dispersancy to maintain engine cleanliness and also able to easily separate from dirt and water through centrifugal separator.

Diformulasikan dari *base oil High Viscosity Index* (HVI) dengan paket aditif berbasis *salicylate*, yang diperuntukkan khusus untuk pelumas mesin diesel putaran sedang.

SALYX 15 series memiliki angka basa total yang memadai untuk menetralkan asam hasil pembakaran. Pelumas ini memiliki ketahanan *base number* yang baik sehingga memberikan masa pakai lebih lama.

SALYX 15 series memberikan perlindungan optimal terhadap karat, korosi dan keausan berlebih, memiliki kestabilan oksidasi yang sangat baik, *detergency* dan *dispersancy* yang baik untuk menjaga kebersihan mesin serta dapat terpisah dengan mudah dari kotoran dan air melalui *centrifugal separator*.

### Typical Characteristics

| Characteristics                   | Test Method | SALYX 315 | SALYX 415 |
|-----------------------------------|-------------|-----------|-----------|
| SAE Viscosity Grade               | -           | 30        | 40        |
| Density at 15 °C, kg/L            | ASTM D4052  | 0.8910    | 0.8951    |
| Kinematic Viscosity at 40 °C, cSt | ASTM D7279  | 105.5     | 150.2     |
| at 100 °C, cSt                    | ASTM D7279  | 11.80     | 14.89     |
| Viscosity Index                   | ASTM D2270  | 100       | 99        |
| Flash Point, °C                   | ASTM D92    | 276       | 288       |
| Pour Point, °C                    | ASTM D97    | -18       | -18       |
| Total Base Number, mg KOH/g       | ASTM D2896  | 15        | 15        |





### SPECIFICATIONS / APPROVALS

- MaK Caterpillar
- Daihatsu
- API CF

### APPLICATIONS

SALYX 15 series is designed for lubrication of medium speed trunk piston industrial and marine diesel engines burning distillate diesel fuel with sulphur content less than 0.5 % weight.

### SPESIFIKASI / APPROVAL

- MaK Caterpillar
- Daihatsu
- API CF

### PENGUNAAN

SALYX 15 series didesain untuk pelumasan mesin diesel industri dan perkapalan putaran sedang tipe *trunk piston* yang menggunakan bahan bakar jenis distilat dengan kandungan sulfur di bawah 0,5 % berat.