

## POWEROIL ENGINE SUPER MAXIMA

**POWEROIL ENGINE SUPER MAXIMA** is a premium quality API certified API CI4 15W-40 oil designed for modern diesel engines with turbochargers & EGR required to meet the modern exhaust emission standards. The product is blended from severely hydro-treated base oil and unique additive packages to provide extra protection against oil thickening, valve train wear and soot handling.

**POWEROIL ENGINE SUPER MAXIMA meets API CI4 standard.**

### MEETS THE FOLLOWING PERFORMANCE STANDARDS:

|                           |               |
|---------------------------|---------------|
| API CI4/CH4/SL/SJ         | MAN M3275     |
| ACEA E7-12/ ACEA A3/B4-12 | Volvo VDS-3   |
| DEUTZ DCQ III             | MACK EO-N     |
| Cummins CES 20076/77/78   | JASO DH-1     |
| MB 228.3 MB 229.1         | MTU Type 2    |
| CAT ECF-1a CAT ECF-2      | Renault RLD-2 |

**HAS THE API CERTIFICATION FOR:** API CI4 15W-40

| CHARACTERISTICS                 | POWEROIL ENGINE SUPER MAXIMA |
|---------------------------------|------------------------------|
| SAE Viscosity Grade             | 15W-40                       |
| Kinematic viscosity @ 100°C cSt | 14.8                         |
| Viscosity Index, Min.           | 135                          |
| Density @29.5 °C gm/cc          | 0.865                        |
| Flash point, °C (COC), Min.     | 230                          |
| Pour Point, °C., Max.           | -24                          |
| TBN, mg KOH/gm                  | 10.0                         |
| Sulphated Ash, %wt              | 1.11                         |
| CCS, cP @ -20 °C                | 5764                         |

The above properties are typical values and do not constitute specification of the product

### APPLICATION:



Tomorrow's solutions today

**POWEROIL<sup>®</sup>**

Powering Ahead

- Recommended for use in modern and low emission heavy duty diesel engines. Suitable for heavy duty construction and mining operation and heavy haulage.

### **PERFORMANCE BENEFITS:**

- Excellent low temperature properties ensuring cold start wear protection.
- Advanced detergency & dispersancy providing a cleaner and longer life of engine components.
- High quality oil with enhanced thermal & oxidation stability thereby reducing sludge deposits.
- Highly shear stable VI improver enabling proper viscosity level throughout the service life of the oil, hence ensuring improved engine protection.
- Maintains high order of engine cleanliness by enhanced soot handling.
- Prevents engine parts from rusting and corrosion.
- Outstanding protection against high temperature engine deposits, oil degradation, oil thickening and corrosion resistance.
- One oil for many applications hence reducing oil inventory and reducing risk of oil mix ups.