

ABSTRACT

A cylinder lubricating oil composition for crosshead diesel engines that generates few deposits even when using a group II or III base oil includes base
5 oil with (A) mineral lubricating base oil with saturated hydrocarbon content $\geq$ 90% by mass, $\leq$ 0.03% sulfur by mass as element content, viscosity index $\geq$ 80, and kinematic viscosity at 100°C of 10-20 mm²/s, (B) $\geq$ 3% by mass, among total base oil content, of an extract yielded as a solvent refining by-product in a mineral lubricating base oil manufacturing process and containing $\geq$ 15% of
10 aromatic hydrocarbon compounds (%C_A) by the ASTM D2140 composition analysis method, and (C) high molecular weight compound based synthetic oil that is an olefin polymer having a carbon number $\geq$ 4 or a hydride thereof and has kinematic viscosity at 100°C of 20-400 mm²/s, (D) metallic detergent and (E) ashless dispersant being compounded with the base oil.