



SCOPE Denim 2090 – API CH4/SJ

SCOPE Denim 2090 is superior quality long drain multi grade oil, formulated with highly refined base stock and selective additive package. Scope Denim 2090 is severe-duty engine oil formulated specially for high speed, four stroke diesel engines designed to meet 1999 way exhaust emission standards and also suitable for a wide range of heavy duty off-highway applications.

➤ **Main benefits**

- Superior protection against thermal break down at high temperature.
- Lower exhaust emission.
- Excellent performance in heavy duty operation.
- Superior oxidation & thermal stability.
- Longer drain interval and prolong engine life.

➤ **Application**

SCOPE Denim 2090 can be used in latest low emission and high performance engines of road transport, construction and other industries where diesel fuel sulfur should not exceed above 0.50% weight.

➤ **Specification**

SCOPE Denim 2090 meets and exceeds the requirement of API CH4/CG4/CF4. ACEA: E3, E5/E7. MB- 228.3. SCANIA- E3, MAN-271. VOLVO- VDS-2. GM Allison C4, Cummins CES 20071, 20072, 20075.

Typical Physical Characteristics

SAE Viscosity Grades	10W/40	15W/40	20W/50
Viscosity, cSt @ 100° c	14.50	15.00	18.50
Viscosity Index	150	140	127
Pour Point	-33	-30	-27
Flash Point COC	212	220	232
TBN ASTM D 2896	11.00	11.00	11.00
Apparent Viscosity- Cp	6500 -25° c	6000 -20° c	7800 -15° c