



SCOPE Denim 2070 – API CF4/SJ

SCOPE Denim 2070 is a very high performance diesel engine lubricant. It is a multi grade oil of API CF4/SJ level for use in almost all kind of turbo charged heavy duty diesel engines. It is a blend of superior quality base stocks and additives. In addition to it's high level of detergency and dispersancy. It has a stable viscosity index improver that does not shear off under severe operating conditions of high load at high temperatures.

➤ **Main benefits**

- Provides longer engine life
- Longer drain period
- Low temperature fluidity, low oil consumption
- Fuel economy and superior wear control of engine parts
- Controls piston deposits, engine cleanliness
- High resistance to oxidation & thermal degradation

➤ **Application**

SCOPE Denim 2070 oils can be used under normal conditions for mixed fleet of diesel and gasoline engines. It can also be used as C4 transmission fluid in Allison transmission and in Caterpillar Transmission.

➤ **Specification**

SCOPE Denim 2070 meets and exceeds the requirement of API CF4/SJ, MIL-L-2104E, MIL-L-46152E, CCMC D4, G4, PD2, ACEA A2/B3/E2/02, MB 229.1, VOLVO VDS, MAN 271, MTU – TYPE 1, ALLISON C4, CAT TO2, TO3

Typical Physical Characteristics

SAE Viscosity Grades	15W/40	20W/50	10W/40	40	50
Viscosity, cSt @ 100 ^o c	14.70	18.50	14.50	15.00	19.00
Viscosity Index	137	125	148	96	96
Pour Point	-27	-24	-33	-18	-15
Flash Point COC	218	230	215	248	260
TBN ASTM D 2896	10	10	10	10	10
Apparent Viscosity –Cp	6000	7800	6500	N/A	N/A
	-20 ^o c	-15 ^o c	-25 ^o c		