



KENJUTSU SHL- D210, D211, D212, D213

Product Description:

KENJUTSU is formulated to provide optimum performance in modern naturally aspirated and turbo charged diesel engines operating under a wide variety of service conditions. It is blended with premium base stocks and high quality additive chemistry. KENJUTSU is recommended for all equipment such as trucks, buses, excavators, tippers & dozers fitted with turbo charged diesel engines.

Applications / Benefits:

Corrosion and rust inhibition
Oxidation inhibition
Superior TBN retention to neutralize corrosive acids from combustion, Foam protection
Low temperature sludge protection
Valve train wear protection

Specifications, Approvals & Recommendations

API CF4/CF2/CF/SG
ACEA E1-96#2
ACEA E2-96#5
MIL-L-2104C; Kolomna M-14D2
MAN 270
MB 228.0 / 228.1
Allison C-3 / C-4
Caterpillar TO-2
MTU Type 1

Typical Physical Characteristics

Test Description	Method	D210	D211	D212	D213
SAE Viscosity Grade	SAE J 300	15W40	20W50	40	50
Specific Gravity @ 15 °C	ASTM D 4052	0.885	0.893	0.898	0.902
Flash Point, °C	ASTM D 92	218	238	238	240
Pour Point , °C	ASTM D 97	-21	-15	-9	-9
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	114.8	187.0	161.0	251.1
cSt @ 100°C	ASTM D 445	15.2	20.5	15.20	20.50
Viscosity Index	ASTM D 2270	138	128	97	96
TBN, mgKOH/g	ASTM D 2896	11.0	11.0	11.0	11.0
Color	ASTM D 1500	<3.0	<3.0	<3.0	<3.5

Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from your Shinloub representative.

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.