

KENJUTSU SHL- D301 D302, D303

Product Description:

KENJUTSU Synthetic Diesel Engine Oil is extra high performance Heavy - Duty Diesel Engine Oil specially developed for modern high performance diesel engines used in severe applications. Formulated with high performance synthetic base stock and advanced additives to provide effective lubrication and "Extra Long Drain" intervals. This product is designed to use in most demanding heavy duty diesel engines meeting EURO IV emission standards.

Applications / Benefits:

- Longer Engine Life
- Excellent cold-crank capabilities
- Extreme Engine Protection
- Low Oil Consumption
- Outstanding anti-wear protection

Specifications, Approvals & Recommendations

API CI-4/SL
ACEA E7-12
Caterpillar ECF-2
Commins ECS 20076
Commins ECS 20077
Commins Ecs 20078
Daimler MB 228.3
Detroit Diesel 93K215
Deuts DQC III-10
Global DHD-1
Mack EO-N, EO-M Plus
MAN M3275
MTU Type 2
Renault Trucks RLD-2
Volvo VDS-3

Typical Physical Characteristics

Test Description	Method	D301	D302	D303
SAE Viscosity Grade	SAE J 300	10W-30	10W40	15W40
Specific Gravity @ 15 °C	ASTM D 4052	0.862	0.865	0.875
Flash Point, °C	ASTM D 92	214	220	220
Pour Point , °C	ASTM D 97	-36	-36	-27
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	71.1	97.6	100.9
cSt @ 100°C	ASTM D 445	11.60	15.20	14.30
Viscosity Index	ASTM D 2270	158	164	145
TBN, mgKOH/g	ASTM D 2896	10.2	10.2	10.2
Color	ASTM D 1500	≤3.5	≤3.5	≤3.5
CCS, cP	ASTM D 5293	5678	5980	6820

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.