



KENJUTSU SHL- D403, D404, D405, D406

Product Description:

KENJUTSU Fully synthetic oil is a dispersant inhibitor package for use in mainline heavy duty diesel engine oils. It is a dispersant inhibitor package for use in mainline heavy duty diesel engine oils. API CK-4 oils are especially effective at sustaining emission control system durability where particulate filters and other advanced after-treatment systems are used.

Applications / Benefits:

- Outstanding Oxidation Protection
- Excellent Wear Control
- Extended oil changes
- High temperature stability
- Lower soot levels

Specifications, Approvals & Recommendations

- API CK-4/SN in SAE 15W40
- API CK-4 & FA-4 in SAE 10W30
- API CK-4 in SAE 10W40
- ACEA E7, E9
- Caterpillar ECF-3
- Cummins 20086, 20087
- Daimler MB 228.31
- Deutz DQC III-10 LA
- DDC 93K222, DDC 93K223
- Ford WSS-W2C171-F1
- Mack EOS-4.5
- MAN M3275, M3575, M3775
- MTU CATEGORY 2.1
- Renault RLD-4
- Volvo VDS-4.5

Typical Physical Characteristics

Test Description	Method	SHL-D403	SHL-D404	SHL-D405	SHL-D406
SAE Viscosity Grade	SAE J 300	10W-30	10W-30	10W-40	15W-40
API	-	FA-4	CK-4	CK-4	CK-4/SN
Specific Gravity @ 15 °C	ASTM D 4052	0.859	0.860	0.860	0.861
Flash Point, °C	ASTM D 92	220	224	226	230
Pour Point , °C	ASTM D 97	-30	-30	-30	-27
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	63.2	77.3	95.8	99.8
cSt @ 100°C	ASTM D 445	9.93	11.70	14.50	14.50
Viscosity Index	ASTM D 2270	142	145	157	150
TBN, mgKOH/g	ASTM D 2896	9.8	9.8	9.8	9.8
Color	ASTM D 1500	≤4.0	≤4.0	≤4.0	≤4.0
HTHS,cP	ASTM D 5481	3.0	3.6	3.7	4.0

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.