



SAVSOL ULTRA KES 3 SERIES

DESCRIPTION:

SAVSOL ULTRA KES 3 SERIES oils are high performance Power Train Oil specifically designed for automatic, power-shift and manual transmissions through innovative chemistry for heavy duty applications fortified with Anti-Wear, Anti-Rust, Anti-Oxidant additives to provide excellent protection against wear, rust & corrosion and oxidation.

APPLICATION:

SAVSOL ULTRA KES 3 SERIES grades can be used in heavy duty construction equipments, generators, trucks and tractors. Also suitable for use in hydraulic systems, final drive cases and swing machinery where SAE 10 or SAE 30 grade oil is specified.

SPECIFICATIONS & APPROVALS:

SAVSOL ULTRA KES 3 SERIES oils are approved by the following ZF approvals:

- ZF TE-ML 03C (For SAE 30 & SAE 10W)
- ZF TE-ML 07F (For SAE 30)

SAVSOL ULTRA KES 3 SERIES Oils meet the following performance specification requirements:

- API CF
- API GL-4
- Komatsu Engineering Standard (KES) requirements – KHT Pass
- Allison TES 439
- Caterpillar TO-4
- Allison C-4

ADVANTAGES:

SAVSOL ULTRA KES 3 SERIES Oils formulated with special additives to comply with the following requirements:

- Komatsu Hot Tube Test & Micro Clutch Test.
- Excellent Friction Control for Greater Operator Confidence.
- High Temperature Detergency.
- Superior Wear Protection and Load Bearing capacity.
- Outstanding Yellow Metal Protection.

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TECHNICAL SPECIFICATIONS: SAVSOL ULTRA KES 3 SERIES

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES	
		ULTRA KES 3-10	ULTRA KES 3-30
Appearance	Visual	Clear & Bright	
Colour ASTM	D1500	L3.0	L3.0
Density @ 29.5°C, gm/cm ³	D4052	0.8530	0.8580
Kin. Viscosity @ 40°C, cSt	D445	38.35	82.00
Kin. Viscosity @ 100°C, cSt	D445	6.35	10.60
Viscosity Index	D2270	115	114
Flash Point, COC, °C	D92	230	244
Total Base Number, mg KOH/gm	D2896	9.2	9.1
Pour Point, °C	D97	-33	-30
Komatsu Hot Tube Test	As per KES	Passes	Passes
High Temperature Detergency Test	As per KES	Passes	Passes
Wetting Test	As per KES	Passes	Passes
Micro Clutch Test	As per KES	Passes	Passes

The above details are typical results of normal production and variations in these characteristics may occur. The information contained herein is subject to change without notification. All recommendations and suggestions are without guarantee and the manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty.

Storage:

Store the products indoors and avoid direct sunlight or heat. Please keep the container in closed condition always.

Environment, Health and Safety:

- Do not dispose the used oil to soil, drains and water. Dispose the used oil through authorized collection point
- This product is unlikely to present any safety & health hazard when properly used in the recommended application.
- Avoid contact with skin and eyes. After skin contact, wash with water and soap.

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