

System	Use	Identification/Specifications	
DIESEL FUEL	Temperatures above 14°F (-10°C)	No. 2-D Diesel fuel	
	Temperatures below 14°F (-10°C)	No. 1-D Diesel fuel	
	All Applications	Min. Cetane rating of 45; 50 below -4°F	
	All Applications	High Sulfur Diesel not recommended	
BIO DIESEL FUEL	Kubota Approves Use of B5 Biodiesel Fuels (Click link to download the Kubota B5 fact sheet)	ASTM D6751 specifications purchased from a BQ-9000 accredited producer	
COOLANT	All Applications	Use a 50/50 mixture of clean water and Anti-Freeze. *	
DIESEL ENGINE OIL	Engine Models D902- E3B -XXXX: Low Sulfur Diesel (LSD) Fuel (0.5%/500 ppm Sulfur or less) or Ultra Low Sulfur Diesel (ULSD) Fuel (0.015%/15 ppm or Less)	Non-EGR*** Internal EGR	External EGR
	Engine Models D902- E2B -XXXX	API Classification CF, CF-4, CG-4, CH-4, or CI-4 (do not use CJ-4)	API Classification CF, CI-4 (do NOT use CF-4, CG-4, CH-4, CJ-4)
		API CF or CG-4	
GASOLINE ENGINE OIL	All Applications	API Classifications SJ, SL, or SM	
TRANSMISSION OIL	All Applications	KUBOTA Universal Dynamic Tractor (UDT) or SUPER UDT Fluid	
POWER STEERING GEAR	All Applications	KUBOTA Universal Dynamic Tractor (UDT) or SUPER UDT Fluid	
MANUAL STEERING GEAR	GEAR Oil SAE 80 or SAE 90 (Excavators use SAE 90)	GL-4	
FRONT AXLE (4WD ONLY)	GEAR Oil SAE 80 or SAE 90 (Excavators use SAE 90)	GI-4	
HYDRAULIC OIL	All Applications **	ISO 32, ISO 46, or ISO 68	

Notes:

- * Never mix different colors of antifreeze.
- ** Do not use multi-function oils in Kubota Excavator hydraulic systems.
- *** Exhaust Gas Recirculation

Non EGR engine



External EGR engine



DIESEL ENGINE - OIL VISCOSITY RECOMMENDATIONS

OUTSIDE TEMPERATURE	Below 32° F (0° C)	32°F - 77° F (0°C - 25° C)	Above 77° F (25° C)
SAE/Viscosity	10W or 10W-30	20W or 10W-30	30W or 10W-40

GASOLINE ENGINE - OIL VISCOSITY RECOMMENDATIONS

OUTSIDE TEMPERATURE	Below 0° F (-18° C)	Above 32° F (0° C)
SAE/Viscosity	5W-20 or 5W-30	10W-30 or 10W-40

HYDRAULIC - OIL VISCOSITY RECOMMENDATIONS

OUTSIDE TEMPERATURE	IN WINTER OR COLD TEMPERATURES	IN SUMMER OR HIGH AMBIENT TEMPERATURES
SAE/Viscosity	ISO 32 or ISO 46	ISO 68