



LUBRICANTS

Engine Oil	Specific to the ambient temperature. Typically -4 deg. F (-20 deg. C) to +104 deg. F (+40 deg. C)
	Yanmar offers engine oil in 15W-40 viscosity in quart, gallon and 55-gal drum quantities, and 30W viscosity in quarts.
Hydraulic Oil	Specific to the ambient temperature. Typically -10 deg. F (-15 deg. C) to +104 deg. F (+40 deg. C)
	Yanmar specifies ISO VG46 grade hydraulic oil for its construction equipment hydraulic systems.
	Yanmar offers this in 5-gallon (20 liter) pails.
	For Yanmar Construction Equipment utilizing multiple brake disc design, Yanmar specifies a fluid with a friction modifier.
	Yanmar offers this fluid as Yanmar TF-500 in 5-gallon (20 liter) pails.
	Yanmar TF-500 hyd. fluid, with friction modifier, operates in ambient temperature ranges of -22 deg. F (-30 deg. C) thru +104 deg. F. (+40 deg. C)
Gear oil	Specific to the ambient temperature. Typically -22 deg. F (-30 deg. C) to +104 deg. F (+40 deg. C)
	Yanmar specifies SAE 90 (API: GL-4 or higher) gear oil for its equipment as specified.
Coolant	Yanmar specifies Yanmar Genuine Longlife Coolant (LLC).
	Yanmar offers this coolant in 1-gallon and 55-gallon drum quantities. This coolant is provided as a 50/50 coolant to water mixture.
Fuel	Yanmar specifies fuel that is related to the ambient temperature where the equipment is to be operated.
	The ambient temperature can be in the range of -22 deg. F (-30 deg. C) up to +104 deg. F (+40 deg. C).
	Yanmar specifies fuel grades No. 2-D, No. 3-D and No. 3-D (S) for these temperature ranges.
Grease	Yanmar requires its equipment to be serviced with grease for ambient temperature ranges within -22 deg. F (-30 deg. C) to +104 deg. F (+40 deg. C).
	Yanmar specifies Lithium-based extreme pressure (EP-2) grease.