



CASTROL CARELUBE HTG

CASTROL CARELUBE HTG is a biodegradable hydraulic fluid that is formulated using a natural renewable fluid.

The environmentally acceptable hydraulic fluid is based on a natural fatty oil which has a special affinity to metal surfaces affording exceptional boundary lubrication. **CASTROL CARELUBE HTG** has also been carefully formulated to provide excellent anti-wear and anti-corrosion properties.

CASTROL CARELUBE HTG is based on a specially selected natural vegetable oil that is much friendlier to the environment than conventional mineral based hydraulic oils. (The 200 VI (viscosity index) is a property of the vegetable oil which means the fluid will experience very little viscosity change with temperature.)

CASTROL CARELUBE HTG is designed for use in applications where the risk of environmental damage through leakage / spillage from hydraulic equipment is high: agriculture, construction, mining, forestry and marine industries.

CASTROL CARELUBE HTG offers a wide range of performance features similar to mineral oil based formulations.

TYPICAL ANALYSIS

Part Number	4077
Product Appearance	Clear Green Fluid
Odor	Bland
Application	Environmentally friendly hydraulic fluid with similar mineral oil level performance.

PERFORMANCE PROFILE TEST	METHOD	UNITS	MIN	MAX
Viscosity @ 40° C	D445	cSt	35	39
Viscosity @ 100° C	D445	cSt	8	9
Viscosity Index	D2270		200	
Pour Point	D97	°C (°F)		-25 (-13)
Demulsification	ASTM D1401	mins		30
Rust Test	D665A		No Rust	
Rust Test	D665B		No Rust	
Copper Corrosion 3 hrs at 100° C	D130			1b
FZG Gear Test Fail Stage	Din 51354		12	
Four Ball Wear Test 1 hr, 30kg, 1460 rpm	MWSD	mm		0.4
Vickers Vane	V104c, 100h		below 5 mg	
Flash Point	ASTM D92	°C (°F)	285°C (545° F.)	
Biodegradability	CEC-L-33-T-82	%	95	

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