

YORK "K"

PROPERTY	UNITS	TEST-METHOD	NEW OIL	MARGINAL	UNACCEPTABLE
Viscosity @ 40C	cSt	ASTM D-445	30-35	25-29 & 36-40	<25 & >40
Antioxidant Level	% Remaining	Liquid Chromatography	NA	NA	NA
Acid Number	mg KOH/g	ASTM D-974	0.1	0.3	>0.5
Phosphorus	PPM	Plasma Emission	0	0 - 20	>20
Zinc	PPM	Plasma Emission	0	0 - 20	>20
Calcium	PPM	Plasma Emission	0	0 - 20	>20
Barium	PPM	Plasma Emission	0	0 - 20	>20
Iron	PPM	Plasma Emission	0	10	>10
Copper	PPM	Plasma Emission	0	10	>10
Lead	PPM	Plasma Emission	0	10	>10
Tin	PPM	Plasma Emission	0	10	>10
Aluminum	PPM	Plasma Emission	0	10	>10
Silicon	PPM	Plasma Emission	0	15	>15
Molybdenum	PPM	Plasma Emission	0	20	>20
Water Content	PPM	Karl Fischer	<100	100-300	>300
Particle Count	Micron	Hiac Royco	ISO CODE 17/14	ISO CODE XX/19	ISO CODE XX/>19

\* This Parameter is not relevant to the Condition of the oil.

XX Any Number