

YORK "F"

PROPERTY	UNITS	TEST-METHOD	NEW OIL	MARGINAL	UNACCEPTABLE
Viscosity @ 40C	cSt	ASTM D-445	28-32	25-28 & 32-35	<25 & >35
Antioxidant Level	% Remaining	Liquid Chromatography	NA	NA	NA
Acid Number	mg KOH/g	ASTM D-974	0.1	0.5	>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	5-10	>10
Copper	PPM	Plasma Emission	0	5-10	>10
Lead	PPM	Plasma Emission	0	5-10	>10
Tin	PPM	Plasma Emission	0	5-10	>10
Aluminum	PPM	Plasma Emission	0	5-10	>10
Silicon	PPM	Plasma Emission	0	5-15	>15
Molybdenum	PPM	Plasma Emission	0	0-20	>20
Water Content	PPM	Karl Fischer	<50	200-300	>300
Particle Count	Micron	Hiac Royco	ISO CODE 15/13	ISO CODE XX/>19	ISO CODE XX/>19

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

XX Any Number