

Preferred Products

...for the environment

Typical specifications and Properties of
GREENPLUS HYDRAULIC FLUID E.S.

ASTM Methods	ASTM Methods	Results		Comments
D-455	Kenetic viscosity	@40C. - 41.00CST		GREENPLUS E.S. thins at a slower rate when compared to petroleum based products as heat is introduced
	Auto ignition	413C.		GREENPLUS E.S. has a high point of ignition
	Flash point	279C.		GREENPLUS E.S. has a high point of flash point
	Pour Point	-36C.		GREENPLUS E.S. will function in cold temperature.
	V.I.	234		GREENPLUS E.S. has a high viscosity index.
	Specific gravity @ 15C.	0.917		GREENPLUS E.S. is a heavy product
D892	Foaming	50-0		GREENPLUS E.S. is an anti-foaming product
D665A	Rust prevention	Pass – No rust		GREENPLUS E.S. will not rust
D 974	Acid No.	1.93 mg.	KOH/GM	GREENPLUS E.S. is slow to become acidic
D4172	Four ball wear	35mm scar @ 1200RPM	1 hour @75	GREENPLUS E.S. least scars at a high revolution per minute operation.
AOCS CD 12-577	Oxidation	Active oxygen Method (CD 12-57) peroxide value	15 Milliequivalents/1000 grams @ 1000 hours	GREENPLUS E.S. is slow to the oxidization point
OCED 301 F respirometry	Bio degradability	74% in 28 days		GREENPLUS E.S. is most degraded in 28 days
C.O.D.	Bio degradability	98% in 28 days		GREENPLUS E.S. is least recognizable in 28 days.
EPS 1/rm/12	Bio Assay Environment Canada	Oncorhynchus mykiss (Rainbow Trout)		GREENPLUS E.S. non lethal to fingerling trout.
Environmental Technology Verification	Verified	>40,000 ppm		GREENPLUS E.S. needs to be 40% of the volume to impress the environment.
G 132	Agri-Food Canada	Food Grade		GREENPLUS E.S. can be eaten.
G22	ASTM standard	No microbial growth potential		GREENPLUS E.S. does not encourage microbial growth
BF1	Caterpillar requirements	Exceeded		GREENPLUS E.S. exceeds the requirements established by Caterpillar Tractors.