

## **DYNA-PLEX 21C® SHPD ENGINE OILS**

Dyna-Plex 21C<sup>®</sup> SHPD Engine Oils provide optimum protection against low temperature deposits while controlling high temperature varnish. Their superior pumpability means a reduction in engine wear that often occurs in the first few minutes after start-up in cold temperatures.

Dyna-Plex 21C SHPD Engine Oils contain anti-wear additives which provide outstanding protection against scuffing of highly loaded cams, hydraulic lifters and other valve train components, resulting in reduced engine wear. In addition, oxidation inhibitors provide "oil thickening" resistance and rust inhibitors protect against rusting and corrosion of valve lifters, bearings, cylinder walls and other critical engine parts. Because of the shear stable viscosity modifier, Dyna-Plex 21C SHPD Engine Oils reduce oil consumption while improving fuel mileage, helping you reduce operating costs.

ASTM TEST <u>METHOD</u>	SAE <u>10W</u>	SAE <u>20W</u>	SAE <u>30</u>	SAE <u>40</u>	SAE <u>50</u>
D5293	5000	N/A	N/A	N/A	N/A
D5293	N/A	3500	N/A	N/A	N/A
D445	40.19	64.26	98.56	144.56	212.67
D445	6.72	8.92	11.64	14.54	18.49
D2270	123	113	100	99	98
D92	216	232	249	254	260
D92	420	450	480	490	500
D97	-36	-29	-29	-24	-15
D97	-33	-20	-20	-11	5
D1500	2.0	2.5	2.5	3.0	3.5
D287	30.3	29.6	28.6	28.0	27.0
D874	0.9	1.0	1.0	1.0	1.0
D4951	.09	.11	.11	.11	.11
D2896	7.5	8.5	8.5	8.5	8.5
	ASTM TEST <u>METHOD</u> D5293 D5293 D445 D445 D2270 D92 D92 D97 D97 D1500 D287 D874 D4951 D2896	ASTM TESTSAEMETHOD10WD52935000D5293N/AD44540.19D4456.72D2270123D92216D92420D97-36D97-33D15002.0D28730.3D8740.9D4951.09D28967.5	ASTM TESTSAESAEMETHOD10W20WD52935000N/AD5293N/A3500D44540.1964.26D4456.728.92D2270123113D92216232D92420450D97-36-29D97-33-20D15002.02.5D28730.329.6D8740.91.0D4951.09.11D28967.58.5	ASTM TESTSAESAESAESAEMETHOD10W20W30D52935000N/AN/AD5293N/A3500N/AD44540.1964.2698.56D4456.728.9211.64D2270123113100D92216232249D92420450480D97-36-29-29D9730.329.628.6D8740.91.01.0D4951.09.11.11D28967.58.58.5	ASTM TESTSAESAESAESAESAESAEMETHOD10W20W3040D52935000N/AN/AN/AD5293N/A3500N/AN/AD44540.1964.2698.56144.56D4456.728.9211.6414.54D227012311310099D92216232249254D92420450480490D97-36-29-29-24D97-33-20-20-11D15002.02.52.53.0D28730.329.628.628.0D8740.91.01.01.0D4951.09.11.11.11D28967.58.58.58.5

Meets or exceeds the following tests and requirements: API Service Classification - CF-2, CF (30, 40, 50 wts) Caterpillar - 1M-PC (30, 40 50 wts) Allison - C-4 Transmission test demonstrated (10, 30 wts) Detroit Diesel - 6V92TA, 1% SASH (straight wts)

NOTE: Certain tests apply to specific SAE grades.