



DYNA-PLEX 21C[®] CORVUS 17 RAILROAD ENGINE OIL

Dyna-Plex 21C[®] Corvus 17 Railroad Engine Oil is for use in high output, fuel efficient, medium speed diesel engines. This is a zinc free oil providing excellent protection to silver wrist pins and turbo charger bearings. In addition, there are detergent/dispersent characteristics for a long filter life and engine cleanliness. This oil will save approximately two drains per year in a four-cycle locomotive.

Dyna-Plex 21C Corvus 17 Railroad Engine Oil is a Generation IV and Generation V electromotive engine oil. It is designed to satisfy EMD, General Electric and Bombardier. This oil is specifically recommended for railroad, marine and stationary engines.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>SAE 40</u>	<u>SAE 20W40</u>
Viscosity @ 40°C, cSt	D445	158.00	140.00
Viscosity @ 100°C, cSt	D445	15.20	15.20
Viscosity Index	D2270	98	110
Flash Point, COC, °C (°F)	D92	254 (490)	250 (482)
Pour Point, °C (°F)	D97	-12 (10)	-18 (0)
Color	D1500	4.0	4.0
Gravity, °API	D287	27.4	28.3
Sulfated Ash, % wt.	D874	1.60	1.60
Total Base Number (TBN)	D2896	17.0	17.0
Zinc, ppm	D4951	<10	<10
EMD 2-567 Silver Lubricity Test:			
Demerits (average)		18	18
GE Oxidation Test:			
% Viscosity increase @ 38°C (100°F)		5.0	5.0
GE Bronze Friction and Wear Test		Pass	Pass
Caterpillar 1G2, 480 hours:			
% Top Groove Fill		10	10
Weighted Total Deposits		300	300

Meets or exceeds the following tests and requirements:

- API Service Classification - CD, CF
- Military Specification - MIL-L-2104C

Contains non-chlorinated additive package.

EO-9/02.18.05