Product Data Sheet

CRB Turbomax 20W-50 CH-4

For long and healthy engine life

Description

New Castrol CRB Turbomax 20W-50 CH-4 is an advanced, heavy duty diesel engine oil. It is suitable for use in high speed 4-stroke diesel engines that use a broad range of fuel qualities.

Advantages

New Castrol CRB Turbomax 20W-50 CH-4 contains specially engineered DuraShield™ Boosters that help fight the main causes of engine damage. In severe testing,
Castrol CRB Turbomax 20W-50 CH-4 with DuraShield™ boosters delivers up to twice the engine life*.

CRB Turbomax 20W-50 CH-4 with DuraShield™ boosters is proven in industry testing to help provide protection to your engine in two ways:

1. Under severe engine operating conditions soot can agglomerate to form large particles which help to displace oil on moving metal surfaces. This results in metal to metal contact. CRB Turbomax 20W-50 CH-4 with DuraShield™ boosters helps to prevent the agglomeration of soot as well as protecting surfaces from wear.
2. CRB Turbomax 20W-50 CH-4 with DuraShield™ boosters provides a protective layer on the moving metal surfaces which resists break down, even under difficult conditions.

* Based on time between camshaft rebuilds in a severe Cummins ISB engine test vs. an equivalent oil without DuraShield.



Typical Characteristics

Name	Method	Units	CRB Turbomax 20W-50 CH-4
Density @ 15C	ASTM D4052	g/ml	0.883
Viscosity, Kinematic 100C	ASTM D445	mm²/s	18.4
Viscosity, CCS -15C (20W)	ASTM D5293	mPa.s (cP)	6600
Viscosity, Kinematic 40C	ASTM D445	mm²/s	163
Viscosity Index	ASTM D2270	None	126
Ash, Sulphated	ASTM D874	% wt	1.16
Total Base Number, TBN	ASTM D2896	mg KOH/g	7.9
Pour Point	IP 15	°C	-42
Flash Point, PMCC	ASTM D93	°C	239

Product Performance Claims

API CH-4

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BP-Castrol (Thailand) Limited, 3 South Sathon Road, Yannawa,Sathon, Bangkok 10120, Thailand
Technical Advice Line: 662 684 3591 Customer Service: 662 684 3555
www.castrol.com