

Duckhams HYPERGRADE 15W-50 SN/CF

PRODUCT DESCRIPTION

DUCKHAMS HYPERGRADE 15W-50 has been specially designed to give the technologically advanced engine the best possible care and protection.

FEATUER & BENEFITS

- Engineered to increase fuel economy by reducing oil consumption
- Provides excellent protection against sludge and varnish deposits
- Rapid oil flow at start up, minimizing engine wear.
- Sludge and deposit produced in hot zones within an engine
- Enhanced anti-wear properties – reduced wear which can lead to lower maintenance costs
- Effective wear and deposit control- longer engine life and reliable operation
- High viscosity index and shear stability
- Enhanced high and low temperature protection in severe driving Conditions

PERFORMANCE

- API SN

TYPICAL TEST

DESCRIPTION	UNIT	TEST INSTRUMENT	SPECIFICATION	TYPICAL VALUE	COA
Appearance	-	Visual	Bright & Clear	Bright & Clear	X
Density@15°C	g/cm ³	ASTM D4052	Report	0.8742	X
Density@30°C	g/cm ³	ASTM D4052	Report	0.8648	X
Kinematic Viscosity @40°C	mm ² /s	ASTM D445	Report	136.4	
Kinematic Viscosity @100°C	mm ² /s	ASTM D445	17.00–19.00	17.39	X
Viscosity Index	-	ASTM D2270	Report	140	
ASTM Colour	-	ASTM D1500	Report	2.0	
Flash Point by COC, °C	deg °C	ASTM D92	Report	228	
Pour Point	deg °C	ASTM D5950/D6892	Report	-36	
Total Base Number	mgKOH/g	ASTM D2896	6.00-8.40	6.51	
Ca Content	%wt	ASTM D6481/D4951	0.1760-0.2060	0.1850	X
Zn Content	%wt	ASTM D6481/D4951	0.0690-0.0810	0.0738	X
P Content	%wt	ASTM D6481/D4951	0.0610-0.0710	0.0641	X
B Content	%wt	ASTM D4951	0.0070-0.0110	0.00905	
Mo Content	%wt	ASTM D6491/D4951	0.0120-0.0170	0.015	
Cold Cranking Simulator @-25°C	mPas	ASTM D5293	7000 Max	6549	X
Foaming: Seq.I @24°C, Tendency	Millilitre	ASTM D892	10 Max	0	
Foaming: Seq.I @24°C, Stability	Millilitre	ASTM D892	0	0	
Foaming: Seq.II @93.5°C, Tendency	Millilitre	ASTM D892	50 Max	20	X
Foaming: Seq.II @93.5°C, Stability	Millilitre	ASTM D892	0	0	X
Foaming: Seq.III @24 after 93.5°C, Tendency	Millilitre	ASTM D892	10 Max	0	
Foaming: Seq.III @24 after 93.5°C, Stability	Millilitre	ASTM D892	0 Max	0	

These descriptions are typical of current production. Whilst future production will conform to DUCKHAMS'S specification, variations in their description may occur