

Duckhams Q 20W-50 SL/CF, JASO MA2

PRODUCT DESCRIPTION

A classic multi-grade oil of the heavier SAE 20W-50 viscosity, best suited for older type of engines, or those with a high mileage on them. These engines normally require DUCKHAMS Q20W-50 to give good oil pressure and oil consumption. Also suitable for other engines requiring oils of the quality levels indicated below

DUCKHAMS Q 20W-50 is high quality engines oil formulated with the most modern additive technology. It is to give increased oiliness for lasting performance and lubrication protection even at high running temperatures in all modern gasoline and diesel engines operating under server conditions.

FEATURE & 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 SL

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	0.8743	X
Density@30°C	g/cm ³	ASTM D4052	Report	0.8640	X
Kinematic Viscosity @40°C	mm ² /s	ASTM D445	Report	156.2	
Kinematic Viscosity @100°C	mm ² /s	ASTM D445	17.00–19.00	18.01	X
Viscosity Index	-	ASTM D2270	Report	128	
ASTM Colour	-	ASTM D1500/D6045	Report	L2.0	X
Flash Point by COC, °C	deg °C	ASTM D92	Report	254	X
Pour Point	deg °C	ASTM D5950/D6892	Report	-33	X
Total Base Number	mgKOH/g	ASTM D2896	5.70-6.70	6.3	
Ca Content	%wt	ASTM D6481/D4951	0.1970-0.2290	0.2080	X
Zn Content	%wt	ASTM D6481/D4951	0.1040-0.1230	0.1120	X
P Content	%wt	ASTM D6481/D4951	0.0920-0.1080	0.0971	X
B Content	%wt	ASTM D4951	Report	0	
Mo Content	%wt	ASTM D6491/D4951	0.0100-0.0150	0.0125	X
Cold Cranking Simulator @-15°C	mPas	ASTM D5293	9500 Max	6326	X
Foaming: Seq.I @24°C, Tendency	Millilitre	ASTM D892	10 Max	0	X
Foaming: Seq.I @24°C, Stability	Millilitre	ASTM D892	0	0	X
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	X
Foaming: Seq.III @24 after 93.5°C, Stability	Millilitre	ASTM D892	0 Max	0	X

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