



THE ENGINE'S CHOICE

Duckhams QS FULLY SYNTHETIC 5W-40 SN/CF

PRODUCT DESCRIPTION

DUCKHAMS QS FULLY SYNTHETIC SN is the highest advanced formulation motor oil which formulate with synthetic base oil and selected additives, it provides excellent thermal and oxidation stability, excellent deposit control and fuel economy. DUCKHAMS QS FULLY SYNTHETIC SN is recommended for new gasoline engines, modern cars recommended viscosity of SAE 5W-40

FEATURE & BENEFITS

- Excellent Enhanced thermal and oxidation stability – reduced engine deposits, buildup of harmful
- Excellent control sludge and deposit produced in hot zones within an engine
- Enhanced anti-wear properties – reduced wear which can lead to lower maintenance costs
- High viscosity index and shear stability
- Enhanced high and low temperature protection in severe driving conditions
- Fuel Economy

PERFORMANCE

- ACEA A3/B3/B4-08
- API SN/SM/CF
- MB 229.3
- VW 502 00/505 00
- BMW LL-01
- GM-LL-B-025
- Porsche A40
- RN 710/700
- PSA B71 2296

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	0.8559	X
Density@30°C	g/cm ³	ASTM D4052	Report	0.8465	X
Kinematic Viscosity @40°C	mm ² /s	ASTM D445	Report	87.58	
Kinematic Viscosity @100°C	mm ² /s	ASTM D445	14.00–15.50	14.42	X
Viscosity Index	-	ASTM D2270	Report	172	
Flash Point by COC, °C	deg °C	ASTM D92	Report	250	
Pour Point	deg °C	ASTM D5950/D6892/D6749	-27.0 Max	-33	X
Total Base Number	mgKOH/g	ASTM D2896	Report	9.18	
Ca Content	%wt	ASTM D6481/D4951	0.2630-0.3300	0.2923	X
P Content	%wt	ASTM D6481/D4951	0.1010-0.1260	0.1044	X
Zn Content	%wt	ASTM D6481/D4951	0.1070-0.1400	0.1272	X
Cold Cranking Simulator @-30°C	mPas	ASTM D5293	6600 Max	5540	X
Foaming: Seq.I @24°C, Tendency	Millilitre	ASTM D892	Report		
Foaming: Seq.I @24°C, Stability	Millilitre	ASTM D892	Report		
Foaming: Seq.II @93.5°C, Tendency	Millilitre	ASTM D892	20 Max	10	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	Report		
Foaming: Seq.III @24 after 93.5°C, Stability	Millilitre	ASTM D892	Report		

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