

PERFECT OIL

Protection with a powerful identity.

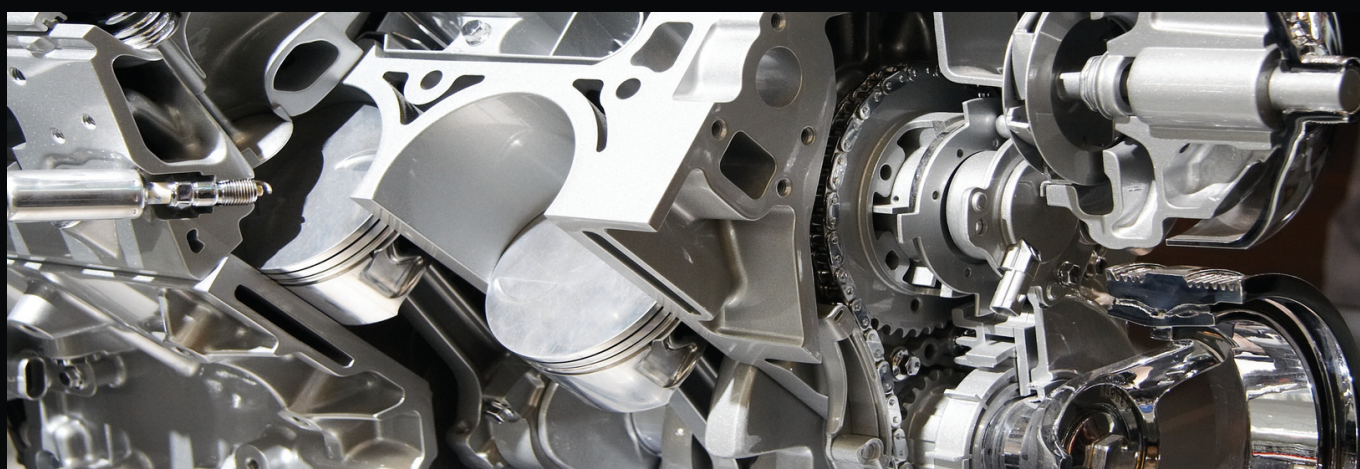


QUANTUM PETROLEUM AUSTRALIA

LUBRICATION EXPERTISE WITH AUSTRALIAN HERITAGE

Since 1989

Quantum Petroleum develops and supplies lubricants for passenger vehicles, commercial fleets, mining equipment and industrial machinery. Our Australian technology heritage brings a clear focus to every application: protecting the machine and supporting dependable operation.



A complete approach

Product selection, clean handling and condition monitoring work together. Quantum supports customers with technical knowledge as well as lubricants.

A distinctive identity

The Quantum eagle, red and gold brand colours, signature bottles and golden oil drop make the range instantly recognisable.

Lubricants for the road, the workshop and demanding working environments.

THE COLLECTION

ONE QUANTUM IDENTITY. AN EXPANDING RANGE.

55 catalogue products, with a proposed expansion of the Stealth 0W range.

- | | |
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| 04 | STEALTH
Fully synthetic engine oils |
| 05 | TYPHOON & PHANTOM
Semi synthetic and mineral engine oils |
| 06 | HARRIER
Heavy duty engine oils |
| 07 | THUNDER & V-TWIN
Motorcycle engine oils |
| 08 | SQUADRON
Gear and axle oils |
| 09 | TRANSMISSION & STEERING
Mustang, CVT and Veltron |
| 10 | SPITFIRE
Hydraulic oils |
| 11 | INDUSTRIAL & MARINE
Turbine Oil, Aurora and Hornet |
| 12 | SPECIALIST PRODUCTS
Hellcat, Taxi Oil, Engine Flush and Chain Oil |

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FULLY SYNTHETIC ENGINE OILS

STEALTH

A fully synthetic engine oil collection for passenger vehicles, with dedicated variants including Stealth Rotary.



THE EXISTING COLLECTION

Stealth 16000

Stealth 18000

Stealth 19000 Premium

Stealth 19000 Ultimate

Stealth 20K 0W-20

Stealth Rotary

STEALTH 0W SERIES

0W-20 0W-15* 0W-16* 0W-30* 0W-40*

0W-20 is documented in the existing Quantum range. The additional grades are proposed for this edition; reference specifications and their status appear on pages 19-20.

* Proposed addition: Quantum data pending. The 0W-15 designation also needs confirmation.

PASSENGER CAR ENGINE OILS

TYPHOON & PHANTOM

Semi synthetic and mineral engine oil families for a wide range of passenger vehicle requirements.



SEMI SYNTHETIC

Typhoon 16000

Typhoon 17000

Typhoon 18000

Typhoon 17000
SAE 10W-40, API SN

A semi synthetic passenger car engine oil formulated for oxidation resistance, deposit control and wear protection.

MINERAL

Phantom 12000 (ULTRA)

Phantom 13000 (ULTIMATE)

Phantom 13000 (TAXI)

Phantom 14000

Phantom 15000

Phantom 16000

Phantom 17000

Choose the product by its current data sheet and the vehicle manufacturer's requirements.

HEAVY DUTY ENGINE OILS

HARRIER

Engine oils for commercial transport and working equipment. Eight Harrier variants help match the lubricant to the engine and its working conditions.



THE COLLECTION

Harrier 12000 Ultra

Harrier 13000

Harrier 15000

Harrier 16000

Harrier 17000

Harrier 18000

Harrier 20000

Harrier Ultimate

Confirm diesel engine, emissions system and manufacturer requirements before selecting a grade.

MOTORCYCLE ENGINE OILS

THUNDER & V-TWIN

A motorcycle range spanning the Thunder 4T collection, Thunder Superbike and V-Twin Fully Synthetic.



THE COLLECTION

Thunder 4T 12000

Thunder 4T 13000

Thunder 4T 15000

Thunder 4T 16000

Thunder 4T 17000

Thunder 4T 18000

Thunder 4T 19000

Thunder 4T 20000

Thunder Superbike

V-Twin Fully Synthetic

V-Twin Fully Synthetic is a 20W-50 motorcycle lubricant designed for demanding engine temperatures and appropriate wet-clutch applications.

Confirm engine, clutch and transmission compatibility for the selected motorcycle.

GEAR AND AXLE OILS

SQUADRON

Lubrication for gears and axles, with six Squadron products in the current collection.



THE COLLECTION

Squadron 14000

Squadron 17000

Squadron 15000

Squadron 18000

Squadron 16000

Squadron 19000

Squadron 17000

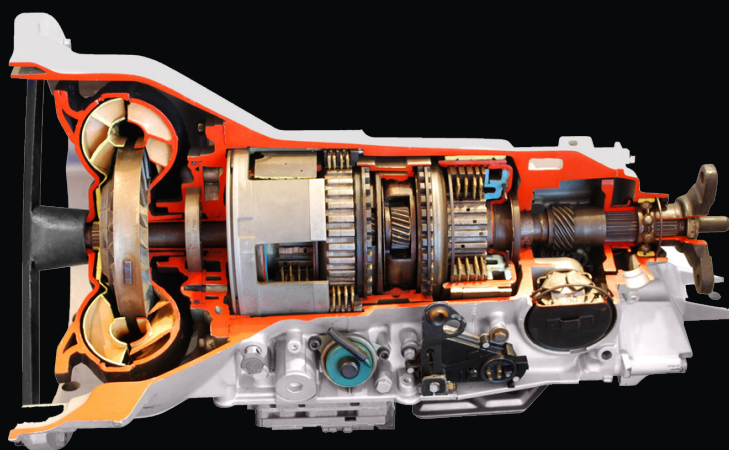
SAE 80W-90, API GL-5. Gear oil for suitable spiral bevel and hypoid differentials and related driveline applications.

Always match gear oil viscosity and performance requirements to the equipment.

AUTOMATIC TRANSMISSION AND STEERING FLUIDS

PRECISION IN EVERY SHIFT

Dedicated fluid choices for automatic transmissions, continuously variable transmissions and power steering systems.

**Mustang 17000**

Automatic transmission fluid in the Mustang range.

Mustang 18000

Fully synthetic automatic transmission fluid in the Dexron IIIH category.

CVT

Synthetic fluid for suitable belt and chain CVTs. The data sheet excludes Toyota hybrid CVT applications such as the Prius.

Veltron

Power steering fluid formulated for wear protection and consistent lubrication across operating temperatures.

ATF, CVT fluid and power steering fluid must match the specific system. Confirm suitability with Quantum.

HYDRAULIC OILS

SPITFIRE

Hydraulic lubricants for equipment where fluid quality, system cleanliness and the correct viscosity are essential to reliable operation.



THE COLLECTION

Spitfire 13000

Spitfire 17000

Spitfire 16000

Spitfire 18000

Spitfire 13000

An ashless, zinc-free hydraulic oil formulated for oxidation stability, water separation and protection against wear, rust and corrosion.

Ask about fluid compatibility and the changeover procedure before replacing an existing hydraulic oil.

INDUSTRIAL AND MARINE LUBRICATION

SPECIALISED EQUIPMENT. DEDICATED LUBRICANTS.



Turbine Oil

ISO VG 32, 46 & 68

Rust and oxidation inhibited circulating oils for appropriate industrial steam turbines and other industrial applications. The formulation supports water separation and helps control corrosion and deposits.



Aurora Industrial Gear Oil

ISO VG 220, 320, 460 & 680

Industrial gear oils with an extreme pressure additive system for thermal and oxidation stability, plus protection against gear wear, rust and foaming.



Hornet

Marine engine oil

A marine lubricant range for appropriate cylinder and trunk piston engine applications. Select the required grade and alkalinity for the engine, fuel and operating conditions.

Grades shown follow the linked product data sheets. Confirm current availability and specification.

SPECIALIST PRODUCTS

CARE FOR EVERY APPLICATION

Purpose-specific lubricants and service products complement the core engine oil range.



Hellocat

Classic vehicle engine oils developed for veteran, vintage and classic applications. Confirm the formulation required by the engine.



Taxi Oil

A dedicated taxi engine oil in the semi synthetic passenger car range, with product selection matched to the engine and operating cycle.



Engine Flush

An engine service product designed to help remove deposits before an oil change. Use according to Quantum's product instructions and the vehicle manufacturer's guidance.



Chain Oil

Motorcycle chain lubricant with additives for wear protection and resistance to rust and corrosion. Use the correct application method for the chain.

Product selection and correct use remain essential for older engines and specialist applications.

TECHNICAL PARTNERSHIP

MORE KNOWLEDGE. BETTER EQUIPMENT CARE.

Quantum supports customers in building a lubrication programme around the machine, its workload and its operating environment.



- 01** **Product selection**
Identify the equipment, duty cycle and required performance specification.
- 02** **Storage and handling**
Maintain clean transfer practices and reduce opportunities for contamination.
- 03** **Oil analysis and monitoring**
Use condition information to help track lubricant health and investigate changes.
- 04** **Team knowledge**
Support consistent lubrication practices through technical guidance and training.

CONFIDENTIAL CONTRACT MANUFACTURING

YOUR FORMULATION. QUANTUM EXPERTISE.

Quantum offers toll blending and contract manufacturing for established businesses and emerging lubricant brands.

CONFIDENTIAL BY DESIGN

Proprietary formulations, product concepts and commercial information receive professional, confidential handling.

Formulation support

Development and refinement using virgin base oils and selected additive technologies.

Production planning

Customised batches and commercial volumes, with capacity and lead times agreed for each project.

Packaging and documentation

Packaging and design support, together with Safety Data Sheets for the finished product.

Storage and supply

Contract storage and logistical support to suit the agreed supply programme.

Discuss product targets, volumes, packaging and market requirements with the Quantum team.

PACKAGING AND SUPPLY

A DISTINCTIVE PRESENCE ON EVERY SHELF

The Quantum bottle gives the range its recognisable shape. The catalogue also includes larger packs for workshop, fleet and industrial requirements.



PACK SIZES LISTED IN THE ONLINE CATALOGUE

1 L**3 L****4 L****5 L****20 L****200 L**

Supply that fits the application

Speak with Quantum about the selected product, pack size, quantity and delivery destination. Pack availability varies by product and market.

Illustrations show examples of Quantum packaging. Confirm current labels and available packs when ordering.

COMPLETE PRODUCT INDEX

AURORA – SQUADRON

Select a specification page to open the technical tables. Product names link to the online catalogue.

PRODUCT	FAMILY	RANGE	SPECS
Aurora Industrial Gear Oil	Industrial gear	11	21
Chain Oil	Chain lubricant	12	22
CVT	CVT fluid	09	23
Engine Flush	Service product	12	24
Harrier 12000 Ultra	Heavy duty engine oil	06	25
Harrier 13000	Heavy duty engine oil	06	25
Harrier 15000	Heavy duty engine oil	06	26
Harrier 16000	Heavy duty engine oil	06	27
Harrier 17000	Heavy duty engine oil	06	28
Harrier 18000	Heavy duty engine oil	06	29
Harrier 20000	Heavy duty engine oil	06	30
Harrier Ultimate	Heavy duty engine oil	06	31
Hellcat	Classic vehicle	12	32
Hornet	Marine	11	33
Mustang 17000	ATF	09	34
Mustang 18000	ATF	09	34
Phantom 12000 (ULTRA)	Mineral engine oil	05	35
Phantom 13000 (TAXI)	Mineral engine oil	05	35
Phantom 13000 (ULTIMATE)	Mineral engine oil	05	36
Phantom 14000	Mineral engine oil	05	36
Phantom 15000	Mineral engine oil	05	37
Phantom 16000	Mineral engine oil	05	37
Phantom 17000	Mineral engine oil	05	38
Spitfire 13000	Hydraulic	10	39
Spitfire 16000	Hydraulic	10	40
Spitfire 17000	Hydraulic	10	40
Spitfire 18000	Hydraulic	10	41
Squadron 14000	Gear and axle	08	41
Squadron 15000	Gear and axle	08	42
Squadron 16000	Gear and axle	08	42

RANGE = family page. SPECS = technical page. * Proposed Stealth addition; Quantum data pending.

COMPLETE PRODUCT INDEX

SQUADRON — VELTRON

Select a specification page to open the technical tables. Product names link to the online catalogue.

PRODUCT	FAMILY	RANGE	SPECS
Squadron 17000	Gear and axle	08	43
Squadron 18000	Gear and axle	08	43
Squadron 19000	Gear and axle	08	44
Stealth 0W-15*	Fully synthetic engine oil	04	19
Stealth 0W-16*	Fully synthetic engine oil	04	20
Stealth 0W-30*	Fully synthetic engine oil	04	20
Stealth 0W-40*	Fully synthetic engine oil	04	20
Stealth 16000	Fully synthetic engine oil	04	44
Stealth 18000	Fully synthetic engine oil	04	45
Stealth 19000 Premium	Fully synthetic engine oil	04	46
Stealth 19000 Ultimate	Fully synthetic engine oil	04	47
Stealth 20K 0W-20	Fully synthetic engine oil	04	48
Stealth Rotary	Fully synthetic engine oil	04	49
Taxi Oil	Semi synthetic engine oil	12	50
Thunder 4T 12000	Motorcycle	07	50
Thunder 4T 13000	Motorcycle	07	51
Thunder 4T 15000	Motorcycle	07	51
Thunder 4T 16000	Motorcycle	07	52
Thunder 4T 17000	Motorcycle	07	52
Thunder 4T 18000	Motorcycle	07	53
Thunder 4T 19000	Motorcycle	07	53
Thunder 4T 20000	Motorcycle	07	54
Thunder Superbike	Motorcycle	07	54
Turbine Oil	Industrial	11	55
Typhoon 16000	Semi synthetic engine oil	05	56
Typhoon 17000	Semi synthetic engine oil	05	56
Typhoon 18000	Semi synthetic engine oil	05	57
V-Twin Fully Synthetic	Motorcycle	07	57
Veltron	Power steering	09	58

RANGE = family page. SPECS = technical page. * Proposed Stealth addition; Quantum data pending.

TECHNICAL REFERENCE

PRODUCT SPECIFICATIONS

The technical section puts viscosity grades, published performance references and typical properties beside each lubricant name.

Select by the equipment requirement

Match the required SAE or ISO viscosity grade and performance specification. A product family name alone does not establish suitability.

Read the source with the values

Quantum data sheets and the supplied company profile provide the existing-product figures. Values are reproduced as reported and may describe historical formulations. Confirm the latest data before use.

Understand the performance references

API, ACEA, JASO and OEM references are manufacturer-stated claims. Listing a code here does not establish an independent approval, certification or current licence.

Review the proposed Stealth additions

Pages 19–20 contain the requested OW expansion and third-party reference data. These pages identify the grades and claims that need Quantum laboratory validation. They do not provide manufacturing recipes.

CCS = cold-cranking viscosity. HTHS = high-temperature/high-shear viscosity. TBN = total base number.

QUANTUM PETROLEUM / STEALTH

STEALTH OW SERIES

A broader Stealth range, presented in the Quantum identity. Each requested grade is included below with its technical status.

Requested grade	Specification status
Stealth OW-20	Existing product: Stealth 20K OW-20. Published Quantum specifications appear on page 48.
Stealth OW-15	Designation to confirm. No matching reference product or supporting Quantum data sheet was located.
Stealth OW-16	Proposed addition. Reference physical properties appear on page 20; Quantum formulation and test results are pending.
Stealth OW-30	Proposed addition. Reference physical properties appear on page 20; Quantum formulation and test results are pending.
Stealth OW-40	Proposed addition. Reference physical properties appear on page 20; Quantum formulation and test results are pending.

FROM REFERENCE TO QUANTUM SPECIFICATION

The reference data provides a comparison point for product development. Quantum's own formulation, laboratory results, performance evidence and release data sheet are required to establish the finished product specification.

Development edition: proposed grades are not represented as verified or released products.

QUANTUM PETROLEUM / DEVELOPMENT REFERENCE

STEALTH OW BENCHMARKS

REFERENCE VALUES – QUANTUM VALIDATION PENDING

The values below describe third-party reference oils. They are not Quantum Petroleum test results or blending formulas.

Property / method	OW-16	OW-20	OW-30	OW-40
Viscosity @ 100°C (cSt) · D445	7.8	8.7	10.2	14.9
Viscosity @ 40°C (cSt) · D445	41.5	46.9	55.7	84.7
Viscosity index · D2270	161	167	172	184
CCS @ -35°C (cP) · D5293	3897	4118	4450	4878
Flash point (°C) · D92	220	236	224	226
Fire point (°C) · D92	240	252	240	240
Pour point (°C) · D97	-53	-54	-50	-50
NOACK (% mass loss) · D5800	8.4	7.2	8.7	7.6
HTHS @ 150°C (cP) · D5481	2.4	2.7	3.1	3.8
TBN (mg KOH/g) · D2896	10.4	10.4	10.4	10.4

REFERENCE PERFORMANCE CATEGORIES

OW-16: API SQ; ILSAC GF-7B.

OW-20 and OW-30: API SQ; ILSAC GF-7A.

OW-40: API SQ.

Test methods are ASTM. No OW-15 reference is supplied. Quantum performance claims, approvals and service intervals require separate substantiation.

Source: reference supplier bulletin G2880 · June 2026

LUBRICANT SPECIFICATIONS

Published product data

Aurora Industrial Gear Oil

ISO VG 150 / 220 / 320 / 460 / 680

PUBLISHED PERFORMANCE REFERENCES

AGMA 250.04; DIN 51517 Part 3; U.S. Steel 224.

TYPICAL PHYSICAL PROPERTIES

Property	ISO 150	ISO 220	ISO 320	ISO 460	ISO 680
Density @ 15°C (kg/L)	0.887	0.89	0.894	0.895	0.897
Pour point (°C)	-21	-15	-13	-12	-11
Flash point (°C)	259	261	263	267	268
Viscosity @ 40°C (cSt)	150	220	320	460	680
Viscosity @ 100°C (cSt)	15.84	19.33	25.0	30.85	45.00
Viscosity index	100	100	98	98	98

ISO 150 appears in the PDS technical table although it is omitted from the cover grade list. Confirm grade availability when ordering.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Chain Oil

Chain lubricant

PUBLISHED PERFORMANCE REFERENCES

No API, ACEA or OEM specification code is stated in the published sheet.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.843
Pour point (°C)	-18
Flash point (°C)	228
Viscosity @ 40°C (cSt)	23.45
Viscosity @ 100°C (cSt)	4.7
Viscosity index	122

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

CVT

Synthetic continuously variable transmission fluid

PDS APPLICATION REFERENCES

Audi / VW	TL 52180; G 052 180; G 052 516
BMW	8322 0 136 376; 8322 0 429 154; EZL 799A
Daihatsu	Amix CVTF-DC; CVTF-DFE
Dodge / Jeep	NS-2; CVTF+4; MOPAR CVT 4
Ford	CVT23; CVT30; WSS-M2C933-A; Motorcraft XT-7-QCFT; MERCON C
GM / Saturn	DEX-CVT; CVTF I-Green2
Honda	HMMF; HCF-2
Hyundai / Kia	SP-CVT 1
Mazda	CVTF 3320
Mercedes-Benz	CVT28; 236.20
Mini Cooper	EZL 799A; ZF CVT V1
Mitsubishi	DiaQueen CVTF-J1; CVTF-J4
Nissan	NS-1; NS-2; NS-3
Punch	EZL 799A
Shell	Green 1V
Subaru	e-CVTF; i-CVTF; Lineartronic CVTF; K0425Y0710; CV-30
Suzuki	CVTF 3320; TC; NS-2; CVTF Green1; CVTF Green 2
Toyota / Lexus	TC; FE

The published sheet lists application references; it does not provide a standalone typical physical-property table.

For suitable belt and chain CVTs. The PDS excludes Toyota Hybrid CVT applications such as the Prius. Red dye is used for identification.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Engine Flush

Engine flushing oil

PUBLISHED PERFORMANCE REFERENCES

No API, ACEA or OEM specification code is stated in the supplied profile.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.8345
Pour point (°C)	-18
Flash point (°C)	228
Viscosity @ 40°C (cSt)	19.57
Viscosity @ 100°C (cSt)	4.25
TBN (unit not stated)	16

The supplied profile excludes motorcycles and automatic transmissions.

SOURCE CHECK REQUIRED

Source conflict: the website PDS gives different flash-point and TBN values and an unlabelled viscosity result. This table follows the supplied profile; confirm the current product data.

SOURCE: Supplied company profile · page 28

[Compare website PDS](#)

LUBRICANT SPECIFICATIONS

Published product data

Harrier 12000 Ultra

SAE 40

PUBLISHED PERFORMANCE REFERENCES

API CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.887	Pour point (°C)	-31
Flash point (°C)	232	Viscosity @ 40°C (cSt)	101.89
Viscosity @ 100°C (cSt)	14.19	Viscosity index	126.28
HTHS @ 150°C (cP)	3.940		

SOURCE: Quantum Product Data Sheet

Harrier 13000

SAE 20W-50

PUBLISHED PERFORMANCE REFERENCES

API CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.889	Pour point (°C)	-31
Flash point (°C)	235	Viscosity @ 40°C (cSt)	143.40
Viscosity @ 100°C (cSt)	17.24	Viscosity index	131.13
HTHS @ 150°C (cP)	4.494		

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Harrier 15000

SAE 20W-50**PUBLISHED PERFORMANCE REFERENCES**

API CF-4 / CF / SG; ACEA E2-96 Issue 5 (2007); MB 228.1; MAN 271; MTU Type 1; Volvo VDS; Mack EO-K/2; Deutz DQC I-02.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.886
Pour point (°C)	-32
Flash point (°C)	233
Viscosity @ 40°C (cSt)	133.531
Viscosity @ 100°C (cSt)	17.01
Viscosity index	138.63
CCS @ -15°C (cP)	4785.71
HTHS @ 150°C (cP)	4.56

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Harrier 16000

SAE 15W-40

PUBLISHED PERFORMANCE REFERENCES

API CI-4 / CH-4 / CG-4 / CF-4 / CF / SL; ACEA E7-12 (2012), E7-08 Issue 2 (2010); MB 228.3; MAN M 3275; Volvo VDS-3; MTU Type 2; Deutz DQC III-10; Mack EO-N / EO-M Plus; Renault RLD-2; Cummins CES 20077 / 20078; Allison C-4; Caterpillar ECF-1-a; Global DHD-1; Detroit Diesel DDC 93K215.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.884
Pour point (°C)	-31
Flash point (°C)	220
Viscosity @ 40°C (cSt)	92.73
Viscosity @ 100°C (cSt)	13.69
Viscosity index	149.74
CCS @ -20°C (cP)	4118.38
HTHS @ 150°C (cP)	3.850

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Harrier 17000

SAE 10W-40

PUBLISHED PERFORMANCE REFERENCES

API CI-4 / CH-4 / CG-4 / CF-4 / CF / SL; ACEA E7-12 (2012), E7-08 Issue 2 (2010); MB 228.3; MAN M 3275; Volvo VDS-3; MTU Type 2; Deutz DQC III-10; Mack EO-N / EO-M Plus; Renault RLD-2; Cummins CES 20077 / 20078; Allison C-4; Caterpillar ECF-1-a; Global DHD-1; Detroit Diesel DDC 93K215.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.884
Pour point (°C)	-30
Flash point (°C)	221
Viscosity @ 40°C (cSt)	90.68
Viscosity @ 100°C (cSt)	13.70
Viscosity index	153.65
CCS @ -25°C (cP)	6899.89
HTHS @ 150°C (cP)	3.824

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Harrier 18000

SAE 15W-40 · supplied profile specification

PUBLISHED PERFORMANCE REFERENCES

API CK-4 / CJ-4 / CI-4+ / CF; API CK-4/SN; ACEA E9 / E7; Volvo VDS4.5 / VDS4 / VDS3; Mack EOS-4.5 / EO-O; Cummins CES 20086 / 20081; Caterpillar ECF-2 / ECF-3 / ECF-1-a; DDC 93K218 / 93K215 / 93K214; DFS 93K222; MB 228.31; MAN 3575; MTU Type 2.1 / II / I; JASO DH-2; Ford WSS-M2C171-F1.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.845
Pour point (°C)	-33
Flash point (°C)	224
Viscosity @ 40°C (cSt)	103.25
Viscosity @ 100°C (cSt)	13.25
Viscosity index	150.6
CCS @ -30°C (cP)	4676.73
HTHS @ 150°C (cP)	4.069

SOURCE CHECK REQUIRED

Source conflict: the supplied profile lists API CK-4; the website PDS lists API CI-4 and different test values. The table here follows the supplied profile. Confirm the current formulation before publication or selection.

SOURCE: Supplied company profile · page 19

[Compare website PDS](#)

LUBRICANT SPECIFICATIONS

Published product data

Harrier 20000

SAE 10W-40**PUBLISHED PERFORMANCE REFERENCES**

API CI-4 / CH-4 / CG-4; ACEA E6-08 / E7-08 / E9-08 (2010); Renault RGD / RXD; Deutz DQC IV-10 LA; Scania Low Ash; MB 228.51; MAN 3271-1 / 3477; MTU Type 3.1; Cummins CES 20076 / 20077; Volvo VDS-3 / CNG; Mack EO-N / EO-M Plus; CAT ECF-1-a.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.862
Pour point (°C)	-32
Flash point (°C)	223
Viscosity @ 40°C (cSt)	72.97
Viscosity @ 100°C (cSt)	12.68
Viscosity index	174.91
CCS @ -25°C (cP)	4,475.50
HTHS @ 150°C (cP)	3.852

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Harrier Ultimate

SAE 10W-40**PUBLISHED PERFORMANCE REFERENCES**

API CJ-4 / CI-4 PLUS / CI-4 / CH-4 / SN / SM; ACEA E9-08 Issue 2 (2010), E7-04 Issue 2 (2007); CAT ECF-3 / ECF-2 / ECF-1-a; Mack EO-O Premium Plus / EO-O PP-07; Renault RLD-3; Deutz DQC III-10 LA; MB 228.31; MAN M 3575; MTU Type 2.1; Volvo VDS-4 / VDS-3.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.863
Pour point (°C)	-32
Flash point (°C)	223
Viscosity @ 40°C (cSt)	79.33
Viscosity @ 100°C (cSt)	12.74
Viscosity index	160.2
CCS @ -25°C (cP)	4,997.6
HTHS @ 150°C (cP)	3.822

SOURCE CHECK REQUIRED

Cummins "CES 200" and Detroit Diesel "DDC 93K21" appear incomplete in the sheet; confirm the full codes.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Hellicat

Classic, vintage and veteran engine oils

PUBLISHED PERFORMANCE REFERENCES

API SD / CC

TYPICAL PHYSICAL PROPERTIES

Property	15000	14000	13000
SAE grade	20W-50	50	40
Density @ 15°C (kg/L)	0.887	0.888	0.887
Pour point (°C)	-31	-31	-34
Flash point (°C)	227	227	226
Viscosity @ 40°C (cSt)	143.57	141.79	131.57
Viscosity @ 100°C (cSt)	17.20	19.59	15.4
Viscosity index	130.59	128.63	134.28
CCS @ -15°C (cP)	7204.66	—	—

Low-detergent oils for suitable older engines; select the grade and performance category required by the vehicle.

Column numbers identify the Hellicat variants. A dash means no value is stated in the PDS.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Hornet

Marine engine oils · SAE 30 / 40 / 50

PUBLISHED PERFORMANCE REFERENCES

API CF

TYPICAL PHYSICAL PROPERTIES

Property	15500	15000	13000	12000	11000
SAE grade	40	50	30	40	30
Density @ 15°C (kg/L)	0.886	0.892	0.885	0.886	0.885
Pour point (°C)	-10	-15	-12	-10	-12
Flash point, minimum (°C)	230	238	230	230	230
Viscosity @ 40°C (cSt)	119.50	235.93	112.34	119.10	110.739
Viscosity @ 100°C (cSt)	13.21	20.37	12.598	13.18	12.585
Viscosity index	110	100	109	108	105.85
TBN (unit not stated)	40	40	11	11	7

The PDS describes suitable four-stroke marine and medium-speed diesel applications, including fuels with sulphur content of 1.5% or less.

Column numbers identify the Hornet product variants. Select the SAE grade and base-number level for the engine and fuel.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Mustang 17000

Automatic transmission fluid · DEX IIE

PUBLISHED PERFORMANCE REFERENCES

GM DEXRON IID / IIE

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.8386	Pour point (°C)	-25
Flash point (°C)	238	Viscosity index	120
Colour	Red		

The published typical-property table does not give kinematic viscosity values.

SOURCE: Quantum Product Data Sheet

Mustang 18000

Automatic transmission fluid · DEX IIIH

PUBLISHED PERFORMANCE REFERENCES

DEXRON IIIH; Allison C-4 / TES-389; ZF TE-ML 05L / 09; Caterpillar TO-2; Volvo 97340.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.8388	Pour point (°C)	-33
Flash point (°C)	240	Viscosity index	139
Colour	Red		

The published typical-property table does not give kinematic viscosity values.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Phantom 12000 (ULTRA)

SAE 20W-50

PUBLISHED PERFORMANCE REFERENCES

API SL / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.887	Pour point (°C)	-31
Flash point (°C)	227	Viscosity @ 40°C (cSt)	143.57
Viscosity @ 100°C (cSt)	17.20	Viscosity index	130.59
CCS @ -15°C (cP)	7204.66		

SOURCE: Quantum Product Data Sheet

Phantom 13000 (TAXI)

SAE 10W-40

PUBLISHED PERFORMANCE REFERENCES

API SL / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.878	Pour point (°C)	-33
Flash point (°C)	224	Viscosity @ 40°C (cSt)	91.7
Viscosity @ 100°C (cSt)	14.60	Viscosity index	128.32
CCS @ -25°C (cP)	6440.92		

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Phantom 13000 (ULTIMATE)

SAE 15W-40

PUBLISHED PERFORMANCE REFERENCES

API SL / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.858	Pour point (°C)	-32
Flash point (°C)	225	Viscosity @ 40°C (cSt)	85.697
Viscosity @ 100°C (cSt)	12.664	Viscosity index	145.51
CCS @ -20°C (cP)	2359.59		

SOURCE: Quantum Product Data Sheet

Phantom 14000

SAE 10W-30

PUBLISHED PERFORMANCE REFERENCES

API SL / CF; ILSAC GF-3

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.853	Pour point (°C)	-33
Flash point (°C)	220	Viscosity @ 40°C (cSt)	71.82
Viscosity @ 100°C (cSt)	11.91	Viscosity index	162.42
CCS @ -30°C (cP)	4555.89		

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Phantom 15000

SAE 20W-50

PUBLISHED PERFORMANCE REFERENCES

API SM / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.859	Pour point (°C)	-28
Flash point (°C)	223	Viscosity @ 40°C (cSt)	125.78
Viscosity @ 100°C (cSt)	18.04	Viscosity index	159.9
CCS @ -15°C (cP)	2323.93		

SOURCE: Quantum Product Data Sheet

Phantom 16000

SAE 10W-40

PUBLISHED PERFORMANCE REFERENCES

API SM / SL / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.855	Pour point (°C)	-32
Flash point (°C)	225	Viscosity @ 40°C (cSt)	84.29
Viscosity @ 100°C (cSt)	13.57	Viscosity index	163.3
CCS @ -25°C (cP)	2864.00		

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Phantom 17000

SAE 10W-30

PUBLISHED PERFORMANCE REFERENCES

API SN / SM / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.854
Pour point (°C)	-34
Flash point (°C)	223
Viscosity @ 40°C (cSt)	61.66
Viscosity @ 100°C (cSt)	10.39
Viscosity index	157.84
CCS @ -30°C (cP)	4634.04

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Spitfire 13000

ISO VG 46 · ashless, zinc-free hydraulic oil

PUBLISHED PERFORMANCE REFERENCES

Denison HFO (as printed); AFNOR NF E 48-603; DIN 51524 Parts 1 / 2 / 3 (HLP, HVLP); DIN 51517 Part 2; DIN 51515 Parts 1 / 2; DIN 51506 (VBL, VCL, VDL); TLV 9013; Mitsubishi Heavy Industries E00-87182; MIL-L-17672 D; BB HTGD 90117; U.S. Steel 120; DP 6521 (DAA, DAB, DAH, DAG); VDMA 24568; Cincinnati P38 / P55 / P54 / P57 / P62; BS489; GE GEK 32568 A/C; CEGB 207001.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.893
Pour point (°C)	-9
Flash point (°C)	228
Viscosity @ 40°C (cSt)	46
Viscosity @ 100°C (cSt)	9.22
Viscosity index	116.0

Not compatible with zinc/calcium-containing fluids. Follow the equipment manufacturer's drain and flush changeover procedure.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Spitfire 16000

ISO VG 68 · antiwear hydraulic oil

PUBLISHED PERFORMANCE REFERENCES

Parker Hannifin France HF-0; Eaton Vickers M-2950-S / I-286-S; Cincinnati Machine P-69 / P-68 / P-70; GM LH-06-1 / LH-04-1 / LH-03-1 / LS-2; DIN 51524 Part 2; JCMAS HK; U.S. Steel 127 / 136. The PDS also names Bosch variable-volume vane pumps and Commercial Hydraulics.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.879	Pour point (°C)	-9
Flash point (°C)	228	Viscosity @ 40°C (cSt)	68.301
Viscosity @ 100°C (cSt)	9.252	Viscosity index	112.31

SOURCE: Quantum Product Data Sheet

Spitfire 17000

ISO VG 46 · antiwear hydraulic oil

PUBLISHED PERFORMANCE REFERENCES

Parker Hannifin France HF-0; Eaton Vickers M-2950-S / I-286-S; Cincinnati Machine P-69 / P-68 / P-70; GM LH-06-1 / LH-04-1 / LH-03-1 / LS-2; DIN 51524 Part 2; JCMAS HK; U.S. Steel 127 / 136. The PDS also names Bosch variable-volume vane pumps and Commercial Hydraulics.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.893	Pour point (°C)	-9
Flash point (°C)	228	Viscosity @ 40°C (cSt)	46.22
Viscosity @ 100°C (cSt)	9.22	Viscosity index	116.47

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Spitfire 18000

ISO VG 32 · antiwear hydraulic oil

PUBLISHED PERFORMANCE REFERENCES

Parker Hannifin France HF-0; Eaton Vickers M-2950-S / I-286-S; Cincinnati Machine P-69 / P-68 / P-70; GM LH-06-1 / LH-04-1 / LH-03-1 / LS-2; DIN 51524 Part 2; JCMAS HK; U.S. Steel 127 / 136. The PDS also names Bosch variable-volume vane pumps and Commercial Hydraulics.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.872	Pour point (°C)	-9
Flash point (°C)	228	Viscosity @ 40°C (cSt)	31.82
Viscosity @ 100°C (cSt)	5.57	Viscosity index	120.11

SOURCE: Quantum Product Data Sheet

Squadron 14000

SAE 140 · API GL-5

PUBLISHED PERFORMANCE REFERENCES

API GL-5; MAN 342 Type M-1; MIL-L-2105D; ZF TE-ML 07A / 08; AGMA 250.04; DIN 51517 Part 3; U.S. Steel 224.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.920	Pour point (°C)	-15
Flash point (°C)	227	Viscosity @ 40°C (cSt)	498
Viscosity @ 100°C (cSt)	32.5	Viscosity index	93

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Squadron 15000

SAE 90 · API GL-5

PUBLISHED PERFORMANCE REFERENCES

API GL-5 / GL-4; MAN 342 Type M-1; MIL-L-2105D; ZF TE-ML 07A / 08; AGMA 250.04; DIN 51517 Part 3; U.S. Steel 224.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.8680	Pour point (°C)	-34
Flash point (°C)	217	Viscosity @ 40°C (cSt)	170
Viscosity @ 100°C (cSt)	18.2	Viscosity index	96

SOURCE: Quantum Product Data Sheet

Squadron 16000

SAE 85W-140 · API GL-4

PUBLISHED PERFORMANCE REFERENCES

API GL-4; ZF TE-ML 08; AGMA 250.04; DIN 51517 Part 3; U.S. Steel 224.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.910	Pour point (°C)	-15
Flash point (°C)	227	Viscosity @ 40°C (cSt)	345
Viscosity @ 100°C (cSt)	26.1	Viscosity index	96

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Squadron 17000

SAE 80W-90 · API GL-5

PUBLISHED PERFORMANCE REFERENCES

API GL-5 / GL-4; MAN 342 Type M-1; MIL-L-2105D; ZF TE-ML 07A / 08; AGMA 250.04; DIN 51517 Part 3; U.S. Steel 224.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.898	Pour point (°C)	-34
Flash point (°C)	217	Viscosity @ 40°C (cSt)	145
Viscosity @ 100°C (cSt)	14.4	Viscosity index	96

SOURCE: Quantum Product Data Sheet

Squadron 18000

SAE 80W-90 · API GL-4

PUBLISHED PERFORMANCE REFERENCES

API GL-4; ZF TE-ML 08; AGMA 250.04; DIN 51517 Part 3; U.S. Steel 224.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.898	Pour point (°C)	-34
Flash point (°C)	217	Viscosity @ 40°C (cSt)	145
Viscosity @ 100°C (cSt)	14.4	Viscosity index	96

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Squadron 19000

SAE 85W-140 · API GL-5

PUBLISHED PERFORMANCE REFERENCES

API GL-5 / GL-4; MAN 342 Type M-1; MIL-L-2105D; ZF TE-ML 07A / 08; AGMA 250.04; DIN 51517 Part 3; U.S. Steel 224.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.910	Pour point (°C)	-15
Flash point (°C)	227	Viscosity @ 40°C (cSt)	345
Viscosity @ 100°C (cSt)	26.1	Viscosity index	96

SOURCE: Quantum Product Data Sheet

Stealth 16000

SAE 5W-30

PUBLISHED PERFORMANCE REFERENCES

API SN / SM / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.854	Pour point (°C)	-33
Flash point (°C)	224	Viscosity @ 40°C (cSt)	60.09
Viscosity @ 100°C (cSt)	10.07	Viscosity index	154.7
CCS @ -30°C (cP)	4595.25		

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Stealth 18000

SAE 5W-40**PUBLISHED PERFORMANCE REFERENCES**

API SM / SL / CF; ACEA A3/B3-08 (2008), A3/B4-04 (2007), A3/B4-08 (2008), A5/B5-04 (2007), A5/B5-08 (2008); Renault RN0700 / RN0710; MB 229.1 / 229.3 / 229.5; VW 50200 (2005) / 50500 (1997); BMW Longlife-01; Opel GM-LL-A-025 / GM-LL-B-025.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.859
Pour point (°C)	-34
Flash point (°C)	223
Viscosity @ 40°C (cSt)	81.25
Viscosity @ 100°C (cSt)	14.29
Viscosity index	183.44
CCS @ -30°C (cP)	6326.33
HTHS @ 150°C (cP)	3.897

The sheet also names Porsche without identifying a specification.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Stealth 19000 Premium

SAE 5W-40

PUBLISHED PERFORMANCE REFERENCES

API SN / SM / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.856
Pour point (°C)	-34
Flash point (°C)	220
Viscosity @ 40°C (cSt)	86.39
Viscosity @ 100°C (cSt)	13.36
Viscosity index	156.37
CCS @ -30°C (cP)	5831.86

Published sheet title: Stealth 19000. Catalogue name: Stealth 19000 Premium.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Stealth 19000 Ultimate

SAE 5W-30**PUBLISHED PERFORMANCE REFERENCES**

API SN / SM / CF; ACEA C3-10 (2010), C3-08 (2008), C2-08 (2008); MB 229.51; VW 50500 / 50200 / 50501 (2005); BMW Longlife-04; GM dexos 2.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.856
Pour point (°C)	-34
Flash point (°C)	223
Viscosity @ 40°C (cSt)	73.04
Viscosity @ 100°C (cSt)	11.21
Viscosity index	171.45
CCS @ -30°C (cP)	6064.71
HTHS @ 150°C (cP)	3.598

SOURCE CHECK REQUIRED

The PSA code is printed as "B71290"; confirm the intended code. Porsche is named without a specification.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Stealth 20K 0W-20

SAE 0W-20

PUBLISHED PERFORMANCE REFERENCES

API SN / SM; ILSAC GF-5

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/m ³)	848.70
Pour point (°C)	-42
Flash point, PMCC (°C)	204.4
Viscosity @ 40°C (cSt)	44.60
Viscosity @ 100°C (cSt)	8.518
Viscosity index	171
TBN (mg KOH/g)	8.1

Methods: viscosity ASTM D7042; VI D2270; flash D93; density D4052; pour D97; TBN D2896.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Stealth Rotary

SAE 10W-50 · RX-WILD racing oil

PUBLISHED PERFORMANCE REFERENCES

No API, ACEA or OEM specification code is stated in the RX-WILD sheet.

TYPICAL PHYSICAL PROPERTIES

Viscosity @ 40°C (cSt)	147.5
Viscosity @ 100°C (cSt)	21.9
Viscosity index	175
CCS @ -25°C (cP)	5453
MRV @ -30°C (cP)	50100
TBN (mg KOH/g)	9.09
HTHS @ 150°C (cP)	4.98
NOACK (%)	9.6

SOURCE CHECK REQUIRED

The available Rotary sheet identifies the product as RX-WILD 10W-50. Confirm this specification applies to the current Stealth Rotary label.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Taxi Oil

SAE 10W-40 · synthetic blend

PUBLISHED PERFORMANCE REFERENCES

API SN / SM / SL / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.856	Pour point (°C)	-32
Flash point (°C)	224	Viscosity @ 40°C (cSt)	87.51
Viscosity @ 100°C (cSt)	13.09	Viscosity index	149.5
CCS @ -25°C (cP)	4373.5		

The supplied profile describes CNG, LNG, LPG and petrol taxi applications.

SOURCE: Supplied company profile · page 29

Thunder 4T 12000

SAE 10W-40

PUBLISHED PERFORMANCE REFERENCES

API SL / SJ

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.871	Pour point (°C)	-34
Flash point (°C)	222	Viscosity @ 40°C (cSt)	104.23
Viscosity @ 100°C (cSt)	15.27	Viscosity index	159.2
CCS @ -15°C (cP)	5679.23	HTHS @ 150°C (cP)	3.995

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Thunder 4T 13000

SAE 20W-50

PUBLISHED PERFORMANCE REFERENCES

API SL / SJ; JASO MA2

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.886	Pour point (°C)	-34
Flash point (°C)	222	Viscosity @ 40°C (cSt)	137.150
Viscosity @ 100°C (cSt)	16.540	Viscosity index	129.54
CCS @ -15°C (cP)	6234.090	HTHS @ 150°C (cP)	4.431

SOURCE: Quantum Product Data Sheet

Thunder 4T 15000

SAE 40

PUBLISHED PERFORMANCE REFERENCES

API SF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.891	Pour point (°C)	-32
Flash point (°C)	223	Viscosity @ 40°C (cSt)	151.51
Viscosity @ 100°C (cSt)	16.094	Viscosity index	111.03
HTHS @ 150°C (cP)	4.495		

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Thunder 4T 16000

SAE 20W-50

PUBLISHED PERFORMANCE REFERENCES

API SG

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.886	Pour point (°C)	-32
Flash point (°C)	223	Viscosity @ 40°C (cSt)	140.612
Viscosity @ 100°C (cSt)	16.814	Viscosity index	129.04
CCS @ -15°C (cP)	6844.42	HTHS @ 150°C (cP)	4.512

SOURCE: Quantum Product Data Sheet

Thunder 4T 17000

SAE 10W-40

PUBLISHED PERFORMANCE REFERENCES

API SJ

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.871	Pour point (°C)	-32
Flash point (°C)	223	Viscosity @ 40°C (cSt)	101.27
Viscosity @ 100°C (cSt)	15.24	Viscosity index	158.61
CCS @ -25°C (cP)	5390.1	HTHS @ 150°C (cP)	3.995

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Thunder 4T 18000

SAE 10W-40

PUBLISHED PERFORMANCE REFERENCES

API SM

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.857	Pour point (°C)	-32
Flash point (°C)	223	Viscosity @ 40°C (cSt)	102.492
Viscosity @ 100°C (cSt)	14.723	Viscosity index	149.11
CCS @ -25°C (cP)	4864.812	HTHS @ 150°C (cP)	3.918

SOURCE: Quantum Product Data Sheet

Thunder 4T 19000

SAE 15W-50

PUBLISHED PERFORMANCE REFERENCES

API SM; JASO MA2

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.856	Pour point (°C)	-32
Flash point (°C)	223	Viscosity @ 40°C (cSt)	102.492
Viscosity @ 100°C (cSt)	18.2	Viscosity index	149.87
CCS @ -20°C (cP)	6250	HTHS @ 150°C (cP)	3.918

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Thunder 4T 20000

SAE 10W-40

PUBLISHED PERFORMANCE REFERENCES

API SM

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.857	Pour point (°C)	-32
Flash point (°C)	223	Viscosity @ 40°C (cSt)	102.492
Viscosity @ 100°C (cSt)	14.4	Viscosity index	149.87
CCS @ -25°C (cP)	6500	HTHS @ 150°C (cP)	3.918

SOURCE: Quantum Product Data Sheet

Thunder Superbike

SAE 20W-50

PUBLISHED PERFORMANCE REFERENCES

API SM

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.868	Pour point (°C)	-32
Flash point (°C)	223	Viscosity @ 40°C (cSt)	104.21
Viscosity @ 100°C (cSt)	18.72	Viscosity index	160.65
CCS @ -15°C (cP)	1337.67	HTHS @ 150°C (cP)	4.03

The PDS uses both fully synthetic and semi-synthetic descriptions; confirm the current base-oil description.

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Turbine Oil

ISO VG 32 / 46 / 68

PUBLISHED PERFORMANCE REFERENCES

Siemens TLV 9013 04; Alstom HTGD 90117; General Electric GEK-32568F; Solar Turbines ES 9-224; DIN 51515.

TYPICAL PHYSICAL PROPERTIES

Property	ISO 32	ISO 46	ISO 68
Density @ 15°C (kg/L)	0.872	0.875	0.879
Pour point (°C)	-11	-10	-9
Flash point (°C)	228	230	232
Viscosity @ 40°C (cSt)	31.82	46.75	68.301
Viscosity @ 100°C (cSt)	5.57	8.768	9.254
Viscosity index	95	95	96

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Typhoon 16000

SAE 15W-50

PUBLISHED PERFORMANCE REFERENCES

API SL / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.859	Pour point (°C)	-32
Flash point (°C)	225	Viscosity @ 40°C (cSt)	132.48
Viscosity @ 100°C (cSt)	18.48	Viscosity index	156.78
CCS @ -20°C (cP)	2525.12		

SOURCE: Quantum Product Data Sheet

Typhoon 17000

SAE 10W-40

PUBLISHED PERFORMANCE REFERENCES

API SN / SM / CF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.856	Pour point (°C)	-32
Flash point (°C)	224	Viscosity @ 40°C (cSt)	87.51
Viscosity @ 100°C (cSt)	13.09	Viscosity index	149.5
CCS @ -25°C (cP)	4373.5		

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Typhoon 18000

SAE 10W-30

PUBLISHED PERFORMANCE REFERENCES

API SN / SM / CF; ILSAC GF-5

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.855	Pour point (°C)	-33
Flash point (°C)	224	Viscosity @ 40°C (cSt)	58.42
Viscosity @ 100°C (cSt)	9.807	Viscosity index	153.51
CCS @ -25°C (cP)	2651		

SOURCE: Quantum Product Data Sheet

V-Twin Fully Synthetic

SAE 20W-50

PUBLISHED PERFORMANCE REFERENCES

API SM / SJ / SH / SG / SF

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.868	Pour point (°C)	-32
Flash point (°C)	223	Viscosity @ 40°C (cSt)	104.21
Viscosity @ 100°C (cSt)	18.72	Viscosity index	160.65
CCS @ -15°C (cP)	1337.67	HTHS @ 150°C (cP)	4.03

SOURCE: Quantum Product Data Sheet

LUBRICANT SPECIFICATIONS

Published product data

Veltron

Power steering fluid

PUBLISHED PERFORMANCE REFERENCES

GM 9985010; Chrysler MS-1872 / MS-5931; Ford M2C195-A; Mercedes-Benz PN 00 989 8803; Saab PN 30 09 800; Subaru PN KOZ09A0080.

TYPICAL PHYSICAL PROPERTIES

Density @ 15°C (kg/L)	0.8345
Pour point (°C)	-18
Flash point (°C)	228
Viscosity @ 40°C (cSt)	19.57
Viscosity @ 100°C (cSt)	4.25
TBN (unit not stated)	16

SOURCE: Quantum Product Data Sheet

PRODUCT SELECTION AND ASSURANCE

CONFIDENCE STARTS WITH THE RIGHT PRODUCT

The right lubricant depends on the machine, its condition and the work it performs. Quantum can help you confirm the appropriate product before ordering.

Equipment requirements

Check the manufacturer's required viscosity and performance specification, including emissions system and component compatibility.

Current product data

Use the latest Product Data Sheet for technical properties and the Safety Data Sheet for handling and storage information.

Service intervals

Follow the equipment manufacturer's instructions. Any interval change requires an appropriate assessment of the application and operating conditions.

100%

QUANTUM PRODUCT GUARANTEE

Quantum's 100% product guarantee supports our commitment to quality. Terms and conditions apply. Contact our team for the current guarantee terms and eligibility requirements.

Product and packaging details may change. Catalogue information and selected technical descriptions come from Quantum's website, linked data sheets and the supplied company profile. Vehicle and equipment images illustrate applications.

DIRECT CONTACT

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EXPLORE QUANTUM



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