

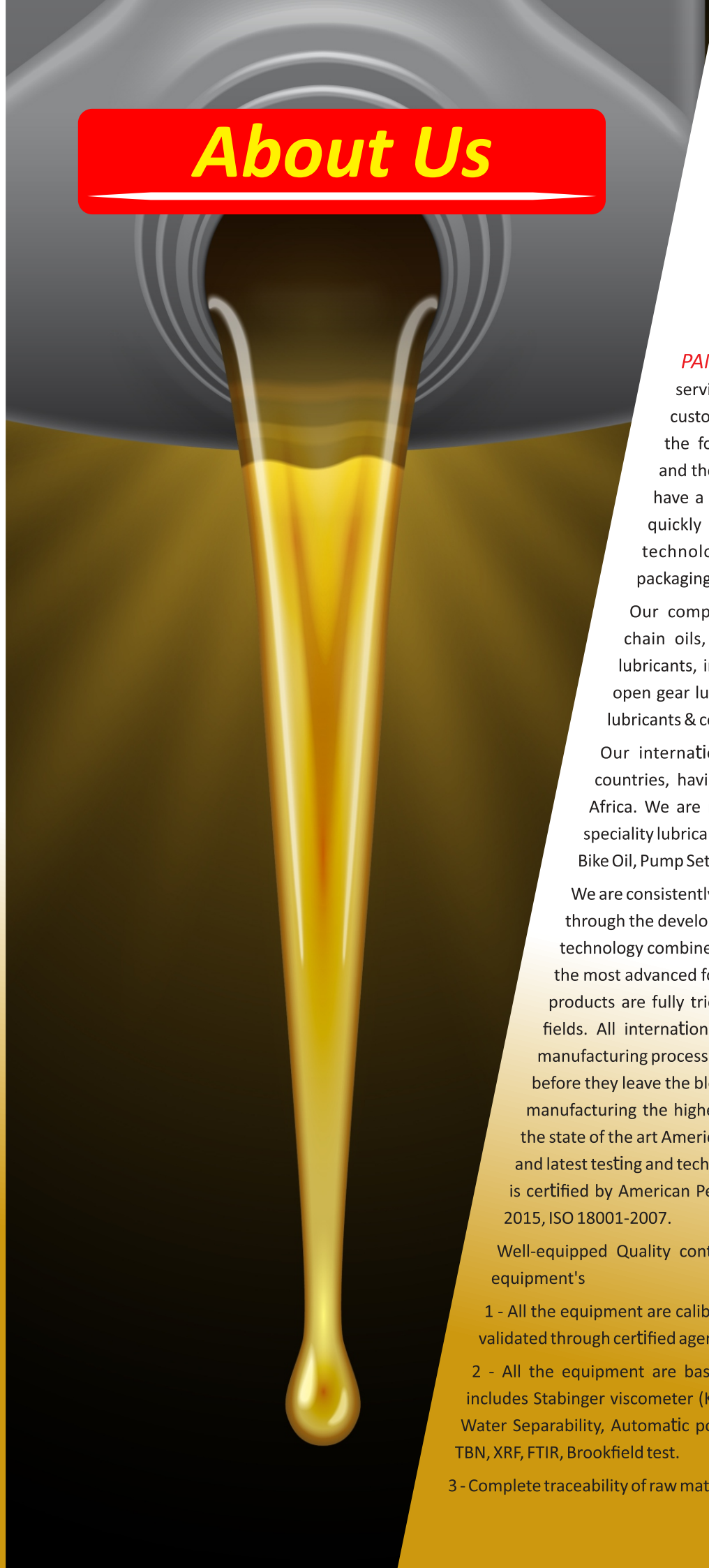
PAN AUTO 



Product Catalogue

www.pan-auto.com

2024 Release



About Us

PAN AUTO

PAN AUTO offers quality products a first class service, and value for money. We continue to satisfy customer's requirements by ensuring that we stay at the forefront of product development, Innovation and the latest advances in lubrication technology. We have a small management team allowing us to react quickly to customer's requirements in advances in technology, and charges regulatory requirements packaging etc.

Our comprehensive range includes, grease products, chain oils, assembly aids, coatings, high-performance lubricants, industrial oils, food grade lubricants, gear oils, open gear lubricants, synthetic lubricants, and many other lubricants & consumables.

Our international brand is distributed in more than 30 countries, having expansion worldwide line MENA, CIS and Africa. We are manufacturing a diverse range of world class speciality lubricants Car Engine Oil, Gear Oil, Hydraulic Oil, Motor Bike Oil, Pump Set Oil and CNG Oil.

We are consistently improving the performance of all our products through the development of our unique type of synthetic based oil technology combined with innovative additive packages. We utilize the most advanced formulation and state of the art technology. The products are fully tried, tested and proven both in laboratory and fields. All international standards have been followed during the manufacturing process and the laboratory checks made on all products before they leave the blending plant. We gained a global reputation for manufacturing the highest quality product, our manufacturing facility the state of the art American Laboratory equipped by the most advanced and latest testing and technology standards. Our high-end quality product is certified by American Petroleum Institute, ISO 14001-2015, ISO 9001-2015, ISO 18001-2007.

Well-equipped Quality control lab with latest automatic American test equipment's

1 - All the equipment are calibrated according to International standards and validated through certified agencies.

2 - All the equipment are based on international ASTM test methods and includes Stabinger viscometer (Kinematic Viscosity @ 40 and 100 Deg C), CCS, Water Separability, Automatic pour point, Foam Tester, Automatic flash point, TBN, XRF, FTIR, Brookfield test.

3 - Complete traceability of raw materials and finished product.

PAN AUT

Vision

“ To deliver world class lubricating solution across all industries and be the partner of choice by innovative products developed in most responsible and sustainable manner”

Mission

- We aspire to be more than a Lubriant manufacturer by providing innovative product and solutions to our customers.
- We are a company where our employees are the most valuable asserts, and our success and achievements will always be a byproduct of their satisfaction and happiness.
- We are responsible company focussing on delivering sustainable products that are designed to preserve our only planet.

Core Values

- Respect
- Integrity
- Diversity
- Inclusiveness
- Trust
- Safety
- Customer Satisfaction
- Happy Employees
- Sustainability



GASOLINE ENGINE OIL



We provide premium quality Synthetic, Semi Synthetic and mineral oil designed to inspire optimum performance and protection of your journeys

PAN AUT 



SAE 0W-16 SP

MEETS OR EXCEEDS: API SP, ILSAC GF-6B

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 0W-16			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	42.0
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	8.25
5	Viscosity Index	D 2270	176
6	Flash Point ,COC,°C	D 92	216
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	7.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 0W-20 SP

MEETS OR EXCEEDS: API SP, ILSAC GF-6A, FORD WSS-M2C962-A/WSS-M2C947-B1, DEXOS1™ GEN3, CHRYSLER MS6395

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 0W-20			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	46.5
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	8.8
5	Viscosity Index	D 2270	172
6	Flash Point ,COC,°C	D 92	216
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	7.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 0W-30 SP

MEETS OR EXCEEDS: API SP, ILSAC GF-6A, FORD WSS-M2C962-A/WSS-M2C947-B1, DEXOS1™ Gen3, CHRYSLER MS6395

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 0W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	48.3
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	9.8
5	Viscosity Index	D 2270	194
6	Flash Point ,COC,°C	D 92	224
7	Pour Point, °C	D 97	-48
8	TBN mg/KOH/g	D 2896	7.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 0W-40 SP

MEETS OR EXCEEDS: API SP, ACEA A3/B4, MB 229.3, MB 229.5, PORSCHE A40, VW 502.00/505.00.

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 0W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	74
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	13.7
5	Viscosity Index	D 2270	190
6	Flash Point ,COC,°C	D 92	226
7	Pour Point, °C	D 97	-45
8	TBN mg/KOH/g	D 2896	7.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-20 SP

MEETS OR EXCEEDS: API SP, ILSAC GF-6A, FORD WSS-M2C960-A/WSS-M2C945-B1, DEXOS1™ GEN3, CHRYSLER MS6395

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-20			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	47.9
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	8.95
5	Viscosity Index	D 2270	165
6	Flash Point ,COC,°C	D 92	216
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	7.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-30 SP

MEETS OR EXCEEDS: API SP, ILSAC GF-6A, FORD WSS-M2C961-A/WSS-M2C946-B1, DEXOS1™ GEN3, CHRYSLER MS6395

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	75.9
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	12.1
5	Viscosity Index	D 2270	156
6	Flash Point ,COC,°C	D 92	220
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	8.1

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-40 SP

MEETS OR EXCEEDS: API SP, ACEA A3/B4, MB 229.5, PORSCHE A40, VW 502.00/505.00, RENAULT RN 0700/0710

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	86.8
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	14.1
5	Viscosity Index	D 2270	168
6	Flash Point ,COC,°C	D 92	220
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	7.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 0W-20 SN

MEETS OR EXCEEDS: API SN, ILSAC GF-5, FORD WSS-M2C-947A, DEXOS1™, GMW16076/16182

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 0W-20			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	43.0
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	8.3
5	Viscosity Index	D 2270	172
6	Flash Point ,COC,°C	D 92	216
7	Pour Point, °C	D 97	-45
8	TBN mg/KOH/g	D 2896	7.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 0W-30 SN

MEETS OR EXCEEDS: API SN, ILSAC GF-5, FORD WSS-M2C-947A, DEXOS1™, GMW16076/16182

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 0W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	65.5
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	11.7
5	Viscosity Index	D 2270	176
6	Flash Point ,COC,°C	D 92	220
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	7.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 0W-40 SN

MEETS OR EXCEEDS: API SN, ILSAC GF-5, FORD WSS-M2C-947A, DEXOS1™, GMW16076/16182

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 0W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L1.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	86.5
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	14.5
5	Viscosity Index	D 2270	175
6	Flash Point ,COC,°C	D 92	228
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	7.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-20 SN

MEETS OR EXCEEDS: API SN, ILSAC GF-5, FORD WSS-M2C-945A, DEXOS1™, GMW16096/161820

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-20			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	46.3
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	8.8
5	Viscosity Index	D 2270	165
6	Flash Point ,COC,°C	D 92	216
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	7.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-30 SN

MEETS OR EXCEEDS: API SN, ILSAC GF-5, FORD WSS-M2C-946A, DEXOS1™, GMW 16181, GMW15827

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	69
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	11.8
5	Viscosity Index	D 2270	165
6	Flash Point ,COC,°C	D 92	220
7	Pour Point, °C	D 97	-39
8	TBN mg/KOH/g	D 2896	7.0

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-40 SN

MEETS OR EXCEEDS: API SN, ILSAC GF-5, ACEA A3/B4-16, MB229.3, MB229.5, PORSCHE A40, VW 502.00/505.00, RENAULT RN 0710/0700, GM-LL-B-025, BMW LL-01

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	84
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	13.5
5	Viscosity Index	D 2270	168
6	Flash Point ,COC,°C	D 92	230
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	7.3

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 10W-30 SN

MEETS OR EXCEEDS: API SN, ILSAC GF-5, CHRYSLER MS-6395

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 10W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	76
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	11.9
5	Viscosity Index	D 2270	152
6	Flash Point ,COC,°C	D 92	228
7	Pour Point, °C	D 97	-36
8	TBN mg/KOH/g	D 2896	7.2

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 10W-40 SN

MEETS OR EXCEEDS: API SN, ACEA A3/B4-16, MB229.3, RENAULT RN 0710/0700, PSA B71 2300, ACEA A3/B3-16, MB 229.1 MB 229.1

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 10W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	101
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	15.2
5	Viscosity Index	D 2270	151
6	Flash Point ,COC,°C	D 92	220
7	Pour Point, °C	D 97	-36
8	TBN mg/KOH/g	D 2896	7.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 10W-50 SN

MEETS OR EXCEEDS: API SN, ACEA A3/B4-16, MB229.3, RENAULT RN 0710/0700, PSA B71 2300, ACEA A3/B3-16, MB 229.1

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 10W-50			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	127
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	18.6
5	Viscosity Index	D 2270	165
6	Flash Point ,COC,°C	D 92	224
7	Pour Point, °C	D 97	-36
8	TBN mg/KOH/g	D 2896	7.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

DIESEL ENGINE OIL



PAN AUT 



SAE 5W-20 CK-4/SN

MEETS OR EXCEEDS: API CK-4, CAT ECF-3, CUMMINS CES 20086, MAN M3775, MB 228.31, VOLVO VDS-4.5, ACEA E7-16, ACEA E9-16

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-20			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	48.75
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	8.94
5	Viscosity Index	D 2270	166
6	Flash Point ,COC,°C	D 92	218
7	Pour Point, °C	D 97	-36
8	TBN mg/KOH/g	D 2896	10.2

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-30 CK-4/SN

MEETS OR EXCEEDS: API CK-4, CAT ECF-3, CUMMINS CES 20086, MAN M3775, MB 228.31, VOLVO VDS-4.5, ACEA E7-16, ACEA E9-16

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	69
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	11.8
5	Viscosity Index	D 2270	168
6	Flash Point ,COC,°C	D 92	222
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	10.2

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-40 CK-4/SN

MEETS OR EXCEEDS: API CK-4, CAT ECF-3, CUMMINS CES 20086, MAN M3775, MB 228.31, VOLVO VDS-4.5, ACEA E7-16, ACEA E9-16

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	90
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	14.6
5	Viscosity Index	D 2270	170
6	Flash Point ,COC,°C	D 92	220
7	Pour Point, °C	D 97	-48
8	TBN mg/KOH/g	D 2896	10.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 10W-30 CK-4

MEETS OR EXCEEDS: API CK-4, CAT ECF-3, CUMMINS CES 20086, MAN M3775, MB 228.31, VOLVO VDS-4.5, ACEA E7-16, ACEA E9-16

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 10W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	75
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	11.8
5	Viscosity Index	D 2270	152
6	Flash Point ,COC,°C	D 92	224
7	Pour Point, °C	D 97	-39
8	TBN mg/KOH/g	D 2896	10.4

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 10W-40 CK-4

MEETS OR EXCEEDS: API CK-4, CAT ECF-3, CUMMINS CES 20086, MAN M3775, MB 228.31, VOLVO VDS-4.5, ACEA E7-16, ACEA E9-16

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 10W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	101
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	15.2
5	Viscosity Index	D 2270	158
6	Flash Point, °C	D 92	222
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.7

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 0W-30 API CJ-4/SN

MEETS OR EXCEEDS: API CJ4/CI-4+, SN/CF, ACEA E7-08/E9-08, MB 228.31, CUMMINS CES 20081, MTU TYPE 3.1/2.1, DEUTZ DQC 111-10 LA, GLOBAL DHD-1, JASO DH-2, MACK EOPREMIUM PLUS, DETROIT DIESEL DDC 93K218

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 0W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	66.75
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	11.07
5	Viscosity Index	D 2270	158
6	Flash Point, °C	D 92	216
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-30 API CJ-4/SN

MEETS OR EXCEEDS: API CJ4/CI-4+, SN/CF, ACEA E7-08/E9-08, MB 228.31, CUMMINS CES 20081, SCANIA LDF-4, DEUTZ DQC-IV-10 LA, VOLVO VDS-3, MAN M3477/M3575, MACK EO PREMIUM PLUS, DETROIT DIESEL DDC 9

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	67.86
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	11.35
5	Viscosity Index	D 2270	161
6	Flash Point, °C	D 92	218
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-40 API CJ-4/SN

MEETS OR EXCEEDS: API CJ4/CI-4+, SN/CF, ACEA E7-08/E9-08, MB 228.31, CUMMINS CES 20081, MTU TYPE-I & II, DEUTZ DQC-IV-10 LA, VOLVO VDS-4, RENAULT TRUCKS RLD-3, DDC POWER GUARD 93K218

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	100.21
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	15.75
5	Viscosity Index	D 2270	168
6	Flash Point, °C	D 92	220
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 10W-30 API CJ-4/SN

MEETS OR EXCEEDS: API CJ4/CJ-4+, SN/CF, ACEA E7-08/E9-08, MB 228.31, CUMMINS CES 20081, RENAULT TRUCKS RLD-3, VOLVO VDS-4, MAN M3575, MTU TYPE 3.1/2.1, CATERPILLAR ECF-2 & ECF-3, DEUTZ DQC-III-10 LA

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 10W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	67.90
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	11.45
5	Viscosity Index	D 2270	163
6	Flash Point ,COC,°C	D 92	218
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 10W-40 API CJ-4/SN

MEETS OR EXCEEDS: API CJ4/CJ-4+, SN/CF, ACEA E7-08/E9-08, MB 228.31, CUMMINS CES 20081, RENAULT TRUCKS RLD-3, VOLVO VDS-4, MTU TYPE 3.1/2.1, JASO DH-2, DEUTZ DQCIII-10 LA, MACK EO-PREMIUM PLUS, GLOBALDH

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 10W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	104.2
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	15.65
5	Viscosity Index	D 2270	160
6	Flash Point ,COC,°C	D 92	222
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 15W-40 API CJ-4/SN

MEETS OR EXCEEDS: API CJ4/CJ-4+, SN/CF, ACEA E7-08/E9-08, MB 228.31, CUMMINS CES 20081, RENAULT TRUCKS RLD-3, VOLVO VDS-4, MTU TYPE 3.1/2.1, JASO DH-2, DEUTZ DQCIII-10 LA, MACK EO-PREMIUM PLUS, GLOBALDHD-1

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 15W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	104.2
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	15.65
5	Viscosity Index	D 2270	160
6	Flash Point ,COC,°C	D 92	226
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.5

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 20W-50 API CJ-4/SN

MEETS OR EXCEEDS: API CJ4/CJ-4+, SN/CF, ACEA E9-08, MB 228.31, CUMMINS CES 20081, RENAULT TRUCKS RLD-3, VOLVO VDS-4, MTU TYPE 3.1/2.1, CATERPILLER ECF-3, MAN M3477/M3575, MACK EO-PREMIUM PLUS, FORD WSS-M2C171-F1

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 20W-50			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	169.52
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	20.78
5	Viscosity Index	D 2270	144
6	Flash Point ,COC,°C	D 92	232
7	Pour Point, °C	D 97	-30
8	TBN mg/KOH/g	D 2896	10.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-20 API CI-4/SL

MEETS OR EXCEEDS: API CI-4/SL, ACEA E7-16, MB228.3, MAN 3275, VOLVO VDS-3, RENAULT RLD-2, CUMMINS CES 20077, CATERPILLAR ECF-2

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-20			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	47.52
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	8.75
5	Viscosity Index	D 2270	165
6	Flash Point ,COC,°C	D 92	216
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	10.2

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-30 API CI-4/SL

MEETS OR EXCEEDS: API CI-4/SL, ACEA E7-16, MB228.1, MAN 3275, VOLVO VDS-3, RENAULT RLD-2, CUMMINS CES 20077, CATERPILLAR ECF-2

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	67.25
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	11.52
5	Viscosity Index	D 2270	164
6	Flash Point ,COC,°C	D 92	216
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	10.2

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 5W-40 API CI-4/SL

MEETS OR EXCEEDS: API CI-4/SL, ACEA E7-16, MB228.1, MAN 3275, VOLVO VDS-3, RENAULT RLD-2, CUMMINS CES 20077, CATERPILLAR ECF-2

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 5W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	90.53
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	14.25
5	Viscosity Index	D 2270	163
6	Flash Point ,COC,°C	D 92	218
7	Pour Point, °C	D 97	-42
8	TBN mg/KOH/g	D 2896	10.3

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 15W-40 CI-4

MEETS OR EXCEEDS: API CI-4/SL, ACEA E7-16, MAN 3275, VOLVO VDS-3, RENAULT RLD-2, CUMMINS CES 20077, MB 228.3

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 15W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	111.6
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	15.2
5	Viscosity Index	D 2270	142
6	Flash Point ,COC,°C	D 92	236
7	Pour Point, °C	D 97	-30
8	TBN mg/KOH/g	D 2896	10.7

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 10W-30 API CI-4/SL

MEETS OR EXCEEDS: API CI-4/SL, ACEA E7-16, MB228.3, MAN 3275, VOLVO VDS-3, RENAULT RLD-2, CUMMINS CES 20077, CATERPILLAR ECF-2

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 10W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	72
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	10.8
5	Viscosity Index	D 2270	140
6	Flash Point ,COC,°C	D 92	224
7	Pour Point, °C	D 97	-36
8	TBN mg/KOH/g	D 2896	10.2

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 10W-40 API CI-4/SL

MEETS OR EXCEEDS: API CI-4/SL, ACEA E7-16, MB228.1, MAN 3275, VOLVO VDS-3, RENAULT RLD-2, CUMMINS CES 20077, CATERPILLAR ECF-2

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 10W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	98.5
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	14.27
5	Viscosity Index	D 2270	148
6	Flash Point ,COC,°C	D 92	226
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.6

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 15W-30 CI-4/SL

MEETS OR EXCEEDS: API CI-4/SL, ACEA E7-16, MB228.1, MAN 3275, VOLVO VDS-3, RENAULT RLD-2, CUMMINS CES 20077, CATERPILLAR ECF-2

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 15W-30			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	118
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	15.7
5	Viscosity Index	D 2270	141
6	Flash Point ,COC,°C	D 92	226
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.4

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 15W-40 CI-4/SL

MEETS OR EXCEEDS: API CI-4/SL, ACEA E7-16, MAN 3275, VOLVO VDS-3, RENAULT RLD-2, CUMMINS CES 20077, MB 228.3

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 15W-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	118
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	15.7
5	Viscosity Index	D 2270	141
6	Flash Point ,COC,°C	D 92	228
7	Pour Point, °C	D 97	-33
8	TBN mg/KOH/g	D 2896	10.4

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE 20W-50 CI-4

MEETS OR EXCEEDS: API CI-4, ACEA E7-16, MAN 3275, CATERPILLAR ECF -1A, MB 228.3

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE 20W- 50			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	165
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	18.5
5	Viscosity Index	D 2270	126
6	Flash Point ,COC,°C	D 92	236
7	Pour Point, °C	D 97	-27
8	TBN mg/KOH/g	D 2896	11.2

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE HD-40 CI-4

MEETS OR EXCEEDS: API CI-4, ACEA E7-16, MAN 3275, CATERPILLAR ECF -1A, MB 228.3

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE HD-40			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	142.5
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	16.2
5	Viscosity Index	D 2270	120
6	Flash Point ,COC,°C	D 92	234
7	Pour Point, °C	D 97	-24
8	TBN mg/KOH/g	D 2896	10.23

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE HD-50 CI-4

MEETS OR EXCEEDS: API CI4, ACEAE7-16, MAN M3275, CATERPILLAR ECF - 1A, MB 228.3

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE HD- 50			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	L2.5
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	202.3
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	21.02
5	Viscosity Index	D 2270	123
6	Flash Point ,COC,°C	D 92	236
7	Pour Point, °C	D 97	-22
8	TBN mg/KOH/g	D 2896	10.3

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SAE HD-60 CI-4

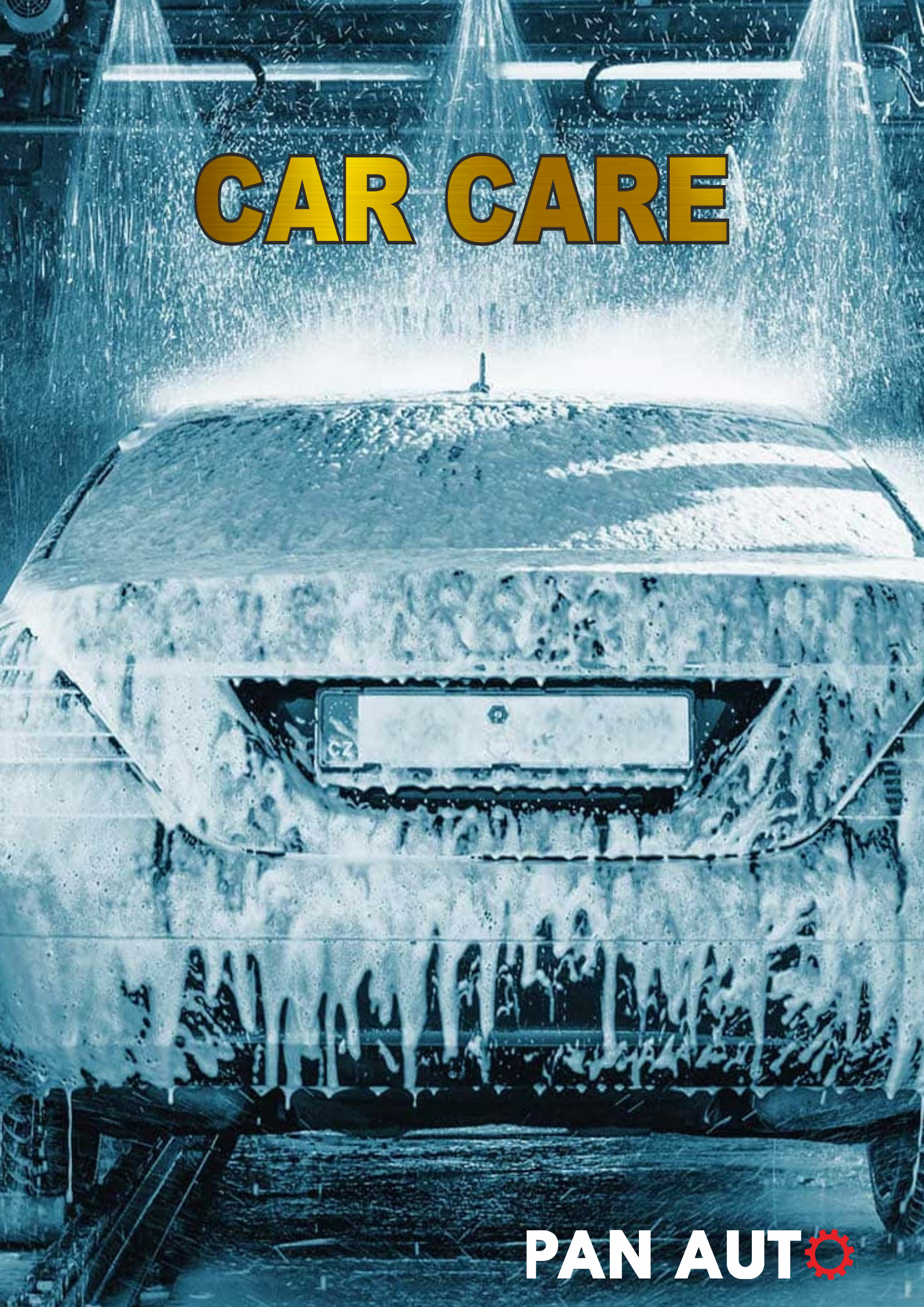
MEETS OR EXCEEDS: API CI4, ACEAE7-16, MAN M3275, CATERPILLAR ECF - 1A, MB 228.3

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
SAE HD- 60			
1	Appearance	Visual	Clear & Bright
2	Color	D 1500	2.0
3	Kinematic, Viscosity mm ² /s @ 40°C	D 445	242.43
4	Kinematic, Viscosity mm ² /s @ 100°C	D 445	23.45
5	Viscosity Index	D 2270	120
6	Flash Point ,COC,°C	D 92	240
7	Pour Point, °C	D 97	-21
8	TBN mg/KOH/g	D 2896	10.1

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

CAR CARE

A high-pressure water jet car wash scene. The car is covered in white foam, and water is spraying from multiple nozzles above it. The background is a dark, industrial-looking structure.

PAN AUT 



BRAKE FLUID DOT3

MEETS OR EXCEEDS: SAE J1703, FMVSS-116, ISO 4925

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
			DOT-3
1	Appearance	VISUAL	CLEAR & BRIGHT
2	pH	FMVSS 116	7.8
3	Color	VISUAL	WATER WHITE
4	Viscosity@100°C	D 445	2.06
5	ERBP, °C.DRY	SAE J 1703	230
6	ERBP, °C.WET	SAE J 1703	144
7	Density@15°C	D 4052	1.12

AVAILABLE PACKS

250ML, 500ML, 1L



BRAKE FLUID DOT4

MEETS OR EXCEEDS: SAE J1703, FMVSS-116, ISO 4925

TECHNICAL DATA			
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS
			DOT4
1	Appearance	VISUAL	CLEAR & BRIGHT
2	pH	FMVSS 116	8.5
3	Color	VISUAL	WATER WHITE
4	Viscosity@100°C	D 445	2.12
5	ERBP, °C.DRY	SAE J 1703	238
6	ERBP, °C.WET	SAE J 1703	148
7	Density@ 15°C	D 4052	1.13

AVAILABLE PACKS

250ML, 500ML, 1L



ADBLUE

TECHNICAL DATA			
S. No.	PARAMETER	UNITS	TYPICAL RESULTS
1	Urea Content	% by weight	32.5
2	Density @ 0°C	g/ml	1.09
3	Color	Visual	Water White
4	Refractive Index @ 20°C	None	1.382
5	Biuret	% by weight	0.17
6	Aldehyde Content	mg/kg	0.10
7	Insoluble Matter	Mg.kg	0.87

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



ANTI-FREEZE COOLANT

MEETS OR EXCEEDS: FORD, MAN, SAE J1034, DAVID BROWN, SCANIA, VW, FIAT, BMW

TECHNICAL DATA					
S. No.	DESCRIPTION	METHOD	TYPICAL RESULTS		
			ANTI FREEZE COOLANT	AEC 100	AEC 50
1	Appearance	Visual		AEC 33	
			Clear & Bright		
2	Color	Visual	GREEN	GREEN	GREEN
3	Density@15°C.kg/m3	D 1122	1.10	1.06	1.04
4	ERBP,°C, DRY	D 1120	190	140	130
5	pH Value	D 1287	9.5	9.5	9.5
6	Freezing Point, °C	D 3321	-55	-40	-30
7	Inorganic Inhibitor	-	Absence	Absence	Absence
8	Organic Inhibitor	-	Present	Present	Present

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk