

# UEL Product Data Sheet Notes

Clean notes version with product details, applications, features, performance claims, and typical technical values

Source note: This document is prepared from the uploaded UEL product data sheets. All technical values are listed as typical values and may vary, following the wording shown in the data sheets.

Important note: AWS68 is described as an anti-wear hydraulic oil, while its application section states gearbox/final drive/differential use. This document keeps the application exactly as stated in the data sheet.

## 1. Overall Product Summary

No.	Product	Product Type
1	AWS32	Premium anti-wear hydraulic oil
2	AWS68	Premium anti-wear hydraulic oil
3	Cutting Fluid Coolant	Cutting fluid coolant
4	5W30 SQ/CF Fully	Fully synthetic engine oil
5	5W30 SQ/CF Semi	Semi-synthetic engine oil
6	10W30 SL/CF Mineral	Mineral engine oil
7	10W40 SQ/CF Semi	Semi-synthetic engine oil
8	15W40 Fully	Fully synthetic engine oil
9	15W40 SM/CF Mineral	Mineral engine oil
10	15W40 SQ/CF Semi	Semi-synthetic engine oil
11	20W50 SL/CF Mineral	Mineral engine oil
12	ATF DEXRON-III	Automatic transmission fluid
13	HD 40	Monograde diesel engine oil

## 2. Product Notes

### 1. AWS32

**Product type:** Premium anti-wear hydraulic oil

**Description:** Premium anti-wear hydraulic oil made from highly refined base oils and zinc-based additives. It provides protection against wear, oxidation, and corrosion, with reliable performance and long service life in demanding hydraulic systems.

**Application:** Used in industrial and mobile hydraulic systems, including forklifts, excavators, injection molding machines, compressors, and factory machinery. It helps provide smooth operation, reduce wear, prevent corrosion, and maintain stable performance under high pressure.

**Product performance claim:** ISO VG 32; DIN 51524 Part II (HLP anti-wear hydraulic fluids); AW / AWS Anti-Wear Hydraulic Oil Standards.

**Features and advantages:**

- Excellent wear protection for longer equipment life
- High oxidation stability keeps systems clean
- Good rust and corrosion resistance
- Stable viscosity and reliable performance under pressure

**Typical technical results:**

Parameter	Method	Typical Result
Viscosity Grade	SAE J300	AWS32
Colour	VISUAL	Visual
Density @ 15°C	ASTM D4052	861.8 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	32.12 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	5.9071 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	112.4
Pour Point	ASTM D97	-33°C
Flash Point	IP 523	210°C

## 2. AWS68

**Product type:** Premium anti-wear hydraulic oil

**Description:** AWS68 is a premium anti-wear hydraulic oil made from highly refined Group II base oils and zinc-based additives. It provides protection against wear, oxidation, and corrosion. The clean “white oil” formulation supports reliable performance and long service life in demanding hydraulic systems.

**Application:** The data sheet states it is recommended for use in automotive gearboxes, final drives, and differentials where API GL-4 or GL-5 performance is required. It is suitable for trucks, buses, tractors, and off-road equipment operating under severe or high-temperature conditions.

**Product performance claim:** ISO VG 68; DIN 51524 Part II (HLP anti-wear hydraulic fluids); AW / AWS Anti-Wear Hydraulic Oil Standards.

**Features and advantages:**

- Excellent wear protection for longer equipment life
- High oxidation stability keeps systems clean
- Good rust and corrosion resistance
- Fast water separation and easy filtration
- Stable viscosity and reliable performance under pressure

**Typical technical results:**

Parameter	Method	Typical Result
Viscosity Grade	SAE J300	AWS68
Colour	VISUAL	Visual
Density @ 15°C	ASTM D4052	863.6 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	64.694 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	9.1529 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	126.46
Pour Point	ASTM D97	-18°C
Flash Point	IP 523	220°C

## 3. Cutting Fluid Coolant

**Product type:** Cutting fluid coolant

**Description:** Cutting Fluid provides cooling and lubrication during metal cutting and machining operations. It reduces friction, prevents tool wear, supports smooth surface finishes, provides rust protection, and helps improve productivity and precision.

**Application:** Suitable for drilling, milling, turning, grinding, and tapping operations on ferrous and non-ferrous metals. It is suitable for CNC machines, lathes, and general machining tools to support smoother cuts, extended tool life, and improved surface quality.

**Product performance claim:** Not stated in the product data sheet.

**Features and advantages:**

- Excellent cooling and lubrication performance
- Reduces friction and tool wear
- Improves surface finish and machining accuracy
- Provides strong rust and corrosion protection
- Extends tool and fluid life for higher productivity

**Typical technical results:**

Parameter	Method	Typical Result
Appearance	-	Neat yellow color liquid
Appearance after dilution	-	White translucent
Odour	-	Mild
Density @ 15°C	-	1.02
pH value (5.0% Emulsion)	-	9.6
Solubility	-	Water
Synthetic Oil / Mineral Oil	-	15 to 30%
Fatty Oil (Vegetable type)	-	1.0 to 5.0%
Anti-corrosion additives	-	2.0 to 5.0%
Brix reading factor	-	1.11

## 4. 5W30 SQ/CF Fully

**Product type:** Fully synthetic engine oil

**Description:** A high-performance fully synthetic engine oil formulated with advanced synthetic base stocks and a superior additive system. It delivers outstanding lubrication, wear protection, and thermal stability for gasoline and light-duty diesel engines. It also reduces deposits and supports smooth, efficient engine performance across a wide range of temperatures.

**Application:** Recommended for gasoline and light-duty diesel engines in passenger cars, SUVs, light trucks, and commercial vehicles. Ideal for high-temperature environments, frequent stop-start conditions, long-distance driving, and modern vehicles requiring stable, high-performance fully synthetic protection.

**Product performance claim:** API SQ/CF; GM dexos1TM Gen 2; Ford WSS-M2C946-A / WSS-M2C946-B1; Chrysler MS-6395; MB-Approval 229.5 / 229.51; VW 502.00 / 505.00; BMW Longlife-01.

**Features and advantages:**

- Superior protection against wear, sludge, and deposits
- Excellent cold-start performance with fast lubrication
- Outstanding oxidation and high-temperature stability
- Reduced friction for smoother and more efficient engine operation
- Suitable for gasoline (SQ) and older diesel engines (CF)
- Consistent performance in city, highway, and heavy-use conditions

**Typical technical results:**

Parameter	Method	Typical Result
Density @ 15°C	ASTM D4052	853.9 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	78.85 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	11.743 mm <sup>2</sup> /s
Viscosity Index	ASTM D7042	159.35
Pour Point	ASTM D97	-35°C

Flash Point	IP 523	220°C
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## 5. 5W30 SQ/CF Semi

**Product type:** Semi-synthetic engine oil

**Description:** A high-performance engine oil formulated with a blend of synthetic and refined mineral base oils. It provides enhanced lubrication, excellent wear protection, and strong thermal stability for gasoline and light-duty diesel engines. The formulation helps reduce friction, control deposits, and maintain smooth operation across different temperatures and driving conditions.

**Application:** Suitable for gasoline and light-duty diesel engines used in passenger cars, SUVs, light trucks, and commercial vehicles. Recommended for urban driving, frequent start-stop use, long-distance travel, and moderate to high-temperature environments where improved fuel efficiency and stable semi-synthetic performance are required.

**Product performance claim:** API SQ/CF; GM dexos1™ Gen 2; Ford WSS-M2C946-A / WSS-M2C946-B1; Chrysler MS-6395; MB-Approval 229.5 / 229.51; VW 502.00 / 505.00; BMW Longlife-01.

### Features and advantages:

- Enhanced wear, sludge, and deposit protection
- Excellent cold-start performance due to low 5W viscosity
- Improved oxidation and thermal stability
- Reduced friction for smoother and more efficient engine operation
- Suitable for gasoline (SQ) and older diesel engines (CF)
- Reliable performance for daily driving, long trips, and mixed driving conditions

### Typical technical results:

Parameter	Method	Typical Result
Density @ 15°C	ASTM D4052	865.4 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	94.530 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	12.893 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	133.45
Pour Point	ASTM D97	-27°C
Flash Point	IP 523	220°C

## 6. 10W30 SL/CF Mineral

**Product type:** Mineral engine oil

**Description:** A high-quality mineral engine oil formulated with refined base oils and a balanced additive system. It provides reliable lubrication, wear protection, and thermal stability for gasoline and light-duty diesel engines. The formulation helps minimize deposits, reduce friction, and support smooth engine operation under different driving conditions.

**Application:** Suitable for gasoline and light-duty diesel engines in passenger cars, light trucks, small commercial vehicles, and general-purpose equipment. Recommended for moderate climates, mixed driving conditions, and daily commuting where consistent mineral-based protection is required.

**Product performance claim:** API SL/SJ/CF; ACEA A3/B3 or A3/B4.

### Features and advantages:

- Strong protection against wear, sludge, and deposits

- Stable viscosity and good lubrication at operating temperatures
- Reduced friction for smoother and more efficient engine performance
- Suitable for gasoline (SL) and older diesel engines (CF)
- Reliable performance for urban, highway, and light commercial use

**Typical technical results:**

Parameter	Method	Typical Result
Density @ 15°C	ASTM D4052	867.3 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	88.01 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	10.229 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	119.01
Pour Point	ASTM D97	-11°C
Flash Point	IP 523	240°C

## 7. 10W40 SQ/CF Semi

**Product type:** Semi-synthetic engine oil

**Description:** A high-quality semi-synthetic engine oil designed to provide excellent protection and performance for a wide range of gasoline and diesel engines. It is formulated to ensure superior lubrication under high temperature and heavy-load conditions, reducing wear and extending engine life.

**Application:** Suitable for modern passenger cars, light commercial vehicles, and motorcycles. Recommended for engines operating in city traffic or long-distance driving conditions, ensuring stable performance and fuel efficiency.

**Product performance claim:** API SQ/CF-4; BMW Longlife-01; Chrysler MS-6395; Fiat 9.55535-G2; Mercedes-Benz MB 229.1 / 229.3; PSA B71 2294; Renault RN 0700 / RN 0710.

**Features and advantages:**

- Excellent high-temperature protection and oxidation stability
- Reduces engine wear and deposits
- Enhances fuel efficiency
- Compatible with a wide range of engine types
- Meets API SQ/CF performance standards

**Typical technical results:**

Parameter	Method	Typical Result
Density @ 15°C	ASTM D4052	870.6 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	148.36 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	16.21 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	143.91
Pour Point	ASTM D97	-26°C
Flash Point	IP 523	220°C

## 8. 15W40 Fully

**Product type:** Fully synthetic engine oil

**Description:** 15W-40 Fully Synthetic Engine Oil is engineered to deliver superior engine protection and consistent performance under extreme temperatures and heavy-duty conditions. Its advanced synthetic formulation ensures excellent thermal stability, strong wear protection, and reduced engine deposits.

**Application:** Designed for both diesel and petrol engines. It helps extend engine life, maintain cleanliness, and provide reliable lubrication during long drain intervals. Ideal for commercial vehicles, trucks, and high-load applications requiring dependable performance.

**Product performance claim:** API CK-4/SL.

**Features and advantages:**

- Strong wear protection
- Excellent thermal stability
- Cleaner engine performance
- Longer engine life
- Reliable heavy-duty performance

**Typical technical results:**

Parameter	Method	Typical Result
Viscosity Grade	SAE J300	15W40
Colour	VISUAL	Visual
Density @ 15°C	ASTM D4052	850.7 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	142.55 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	16.53 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	160
Pour Point	ASTM D97	-30°C
Flash Point	IP 523	220°C

## 9. 15W40 SM/CF Mineral

**Product type:** Mineral engine oil

**Description:** A high-quality mineral engine oil formulated with refined base oils and a robust additive package. It provides strong lubrication, wear protection, and oxidation stability for gasoline and light-duty diesel engines. The formulation helps reduce deposits, minimize friction, and maintain smooth, reliable engine performance under various driving conditions.

**Application:** Suitable for gasoline and light-duty diesel engines used in passenger cars, light trucks, commercial vehicles, generators, and small industrial equipment. Recommended for mixed driving conditions such as high-temperature environments, frequent stop-and-go traffic, long-distance travel, and moderate load applications where dependable mineral-based protection is required.

**Product performance claim:** API SM/SL/SJ/CF; ACEA A3/B3 or A3/B4.

**Features and advantages:**

- Excellent protection against wear, deposits, and sludge
- Strong high-temperature stability and oxidation resistance
- Smooth engine operation with reduced friction
- Suitable for gasoline (SM) and older diesel engines (CF)
- Reliable performance in urban, highway, and light commercial use

**Typical technical results:**

Parameter	Method	Typical Result
Density @ 15°C	ASTM D4052	866.8 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	137.92 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	15.796 mm <sup>2</sup> /s

Viscosity Index	ASTM D2270	128.59
Pour Point	ASTM D97	-11°C
Flash Point	IP 523	240°C

## 10. 15W40 SQ/CF Semi

**Product type:** Semi-synthetic engine oil

**Description:** A high-performance semi-synthetic engine oil engineered for reliable protection and durability. It provides excellent lubrication under high temperature and heavy-load conditions, helping reduce engine wear and extend engine life.

**Application:** Suitable for a wide range of gasoline and diesel engines in passenger cars, light trucks, and commercial vehicles. Recommended for engines operating in mixed driving conditions, including city traffic and long-distance journeys.

**Product performance claim:** API SQ/CF-4; ACEA A3/B4; Cummins CES 20076/77; Mack EO-M Plus; Mercedes-Benz MB 228.3; MAN M3275; Volvo VDS-2.

**Features and advantages:**

- Superior wear and deposit protection
- Excellent oxidation stability at high temperatures
- Enhances engine performance and fuel efficiency
- Meets API SQ/CF performance standards
- Suitable for engines requiring semi-synthetic lubrication

**Typical technical results:**

Parameter	Method	Typical Result
Density @ 15°C	ASTM D4052	875.6 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	135.17 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	15.938 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	141.62
Pour Point	ASTM D97	-20°C
Flash Point	IP 523	240°C

## 11. 20W50 SL/CF Mineral

**Product type:** Mineral engine oil

**Description:** A high-quality mineral engine oil formulated with refined base oils and a balanced additive system. It provides excellent lubrication, wear protection, and high-temperature stability for reliable engine performance. The formulation helps reduce deposits, minimize friction, and maintain smooth operation under demanding conditions.

**Application:** Suitable for gasoline and light-duty diesel engines used in passenger cars, light trucks, motorcycles, generators, and commercial equipment. Recommended for engines operating in high-temperature environments, heavy-load driving, or long-distance travel where stable viscosity and dependable mineral-based protection are required.

**Product performance claim:** API SL/SJ/CF; ACEA A3/B3 or A3/B4.

**Features and advantages:**

- Excellent wear and deposit protection
- Stable viscosity and strong lubrication at high temperatures

- Reduced friction for smoother engine performance
- Suitable for gasoline (SL) and older diesel engines (CF)
- Reliable performance in city, highway, and heavy-load driving

**Typical technical results:**

Parameter	Method	Typical Result
Density @ 15°C	ASTM D4052	868.1 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	188.07 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	19.996 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	125.62
Pour Point	ASTM D97	-11°C
Flash Point	IP 523	240°C

## 12. ATF DEXRON-III

**Product type:** Automatic transmission fluid

**Description:** A premium automatic transmission fluid specially formulated for smooth shifting and reliable performance. It provides excellent oxidation stability, wear protection, and friction characteristics to extend transmission life.

**Application:** Suitable for automatic transmissions, power steering systems, and hydraulic systems requiring DEXRON-III specification. Ideal for cars, trucks, and other vehicles operating under normal or severe driving conditions.

**Product performance claim:** Toyota D-III; GM Dexron III F / Dexron III G; GM Type A Suffix A; Allison TES-389; Allison C-4; Mercedes Benz MB 236.1 / 236.9; MAN 339 Type V1 / V2, 339 Type Z1 / Z2; Ford Mercon IV; Ford M2C-138CJ; Voith H55.6335xx; Volvo STD 1273.41(97341); Subaru ATF / ATF HP; Mazda M III Fluid.

**Features and advantages:**

- Smooth gear shifting and reduced noise
- Protects against wear, corrosion, and foaming
- Maintains performance under high temperatures
- Compatible with systems requiring DEXRON-III, DEXRON-IIIE, and II specifications
- Enhances transmission life and reliability

**Typical technical results:**

Parameter	Method	Typical Result
Density @ 15°C	ASTM D4052	857.2 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	37.078 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	7.580 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	178.53
Pour Point	ASTM D97	-31°C
Flash Point	IP 523	210°C

## 13. HD 40

**Product type:** Monograde diesel engine oil

**Description:** HD40 is a high-quality monograde diesel engine oil made from refined mineral base oils and selected additives. It provides effective protection against wear, deposits, rust, and oxidation, helping maintain reliable lubrication and extend engine life. The oil maintains good film strength and stability even under high operating temperatures.

**Application:** Recommended for naturally aspirated and light turbocharged diesel engines used in trucks, buses, construction, and agricultural equipment. Suitable for engines where SAE 40 monograde oil meeting API CF or SF / MIL-L performance levels is specified.

**Product performance claim:** API CF / SF; MIL-L-2104C; CCMC D2.

**Features and advantages:**

- Excellent wear protection for longer engine life
- High oxidation and thermal stability
- Protects against rust, corrosion, and sludge formation
- Maintains good oil film strength under high temperature
- Ensures smooth and reliable engine performance

**Typical technical results:**

Parameter	Method	Typical Result
Density @ 15°C	ASTM D4052	0.876 g/ml
Kinematic Viscosity @ 40°C	ASTM D445	101 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D445	12.6 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	120
Pour Point	ASTM D97	-10°C
Flash Point	ASTM D93	249°C

### 3. General Health and Safety Note

Based on the product data sheets, no adverse health effects are expected when the products are used for their intended applications and the recommendations in the Material Safety Data Sheet (MSDS) are followed. Products should not be used for purposes other than their intended use. When handling used products, care should be taken to protect health and safety.

# Additional UEL Marketing, Label and Certification Notes

Summary based on the uploaded API service labels, passenger vehicle series poster, gasoline engine logo, and SIRIM certificate.

## 1. API Service SQ / Resource Conserving Labels

The uploaded round labels show the API service category, SAE viscosity grade, and Resource Conserving wording for three engine oil grades.



SAE 5W-30



SAE 10W-40



SAE 15W-40

Label	Information shown	Simple note
SAE 5W-30	API Service SQ; SAE 5W-30; Resource Conserving	Shows the oil is presented as API Service SQ with SAE 5W-30 viscosity and Resource Conserving wording.
SAE 10W-40	API Service SQ; SAE 10W-40; Resource Conserving	Shows the oil is presented as API Service SQ with SAE 10W-40 viscosity and Resource Conserving wording.
SAE 15W-40	API Service SQ; SAE 15W-40; Resource Conserving	Shows the oil is presented as API Service SQ with SAE 15W-40 viscosity and Resource Conserving wording.

## 2. For Gasoline Engines Logo



The uploaded black seal displays the wording American Petroleum Institute and For Gasoline Engines. In the notes, it can be described as a gasoline-engine suitability or certification-style logo used for product presentation.

### 3. UEL Passenger Vehicle Series Promotion Poster

The poster features a top banner with a car's front grille, the UEL logo (UNIQUE EXCELLENT LUBRICANT), and a QR code for UEL Lubricants. The main title is 'UEL PASSENGER VEHICLE SERIES' with a 'PROMOTION' stamp. It is divided into three sections: Ultra Tech, Premium Mineral, and Heavy Duty / ATF. Each section displays product images, specifications, and prices.

**UEL PASSENGER VEHICLE SERIES**

**ULTRA TECH**

- 5W30 SQ/CF FULLY SYNTHETIC: RM 220.00 4L, RM 175.00 4L
- 5W30 SQ/CF SEMI SYNTHETIC: RM 155.00 4L, RM 115.00 4L
- 10W40 SQ/CF SEMI SYNTHETIC: RM 155.00 4L, RM 115.00 4L; RM 230.00 7L, RM 180.00 7L
- 15W40 SQ/CF SEMI SYNTHETIC: RM 150.00 4L, RM 99.00 4L

**PREMIUM MINERAL**

- 10W30 SL/CF MINERAL: RM 85.00 4L
- 15W40 SM/CF MINERAL: RM 110.00 7L
- 20W50 SL/CF MINERAL: RM 15.00 1L, RM 70.00 4L
- HD 40 CF MINERAL: RM 60.00 4L

**HEAVY DUTY/ ATF**

- 15W40 CK4/SL FULLY SYNTHETIC: RM 200.00 7.5L
- ATF DEX 3: RM 65.00 4L

**ATF & FULLY – CK4/SL**

- Engineered to provide smooth and responsive gear shifting.
- UEL ATF Dexron III is designed for improved transmission performance.
- UEL Fully Synthetic CK4/SL is developed for heavy-duty and high-load applications.

#### 3.1 Poster Overview

The poster is titled UEL Passenger Vehicle Series. It presents UEL engine oil products in three main groups: Ultra Tech, Premium Mineral, and Heavy Duty / ATF. The poster also includes promotion wording and product prices.

## 3.2 Ultra Tech Series

The Ultra Tech section focuses on higher-performance passenger vehicle engine oils.

Product	Oil type	Price shown on poster
5W30 SQ/CF	Fully Synthetic	RM 220.00 / 4L; promotional price RM 175.00 / 4L
5W30 SQ/CF	Semi Synthetic	RM 155.00 / 4L; promotional price RM 115.00 / 4L
10W40 SQ/CF	Semi Synthetic	RM 155.00 / 4L; promotional price RM 115.00 / 4L; RM 230.00 / 7L; promotional price RM 180.00 / 7L
15W40 SQ/CF	Semi Synthetic	RM 155.00 / 4L; promotional price RM 99.00 / 4L

**Key selling points shown:** LSPI Protection, Turbo Safe, Fuel Economy

- Formulated with next-generation additive technology for maximum protection in modern engines.
- Provides strong resistance against wear, LSPI, and high-temperature breakdown.
- Ideal for turbocharged and direct-injection vehicles.

## 3.3 Premium Mineral Series

The Premium Mineral section focuses on practical mineral engine oils for normal driving conditions and conventional engines.

Product	Oil type	Price shown on poster
10W30 SL/CF	Mineral	RM 85.00 / 4L
15W40 SM/CF	Mineral	RM 110.00 / 7L
20W50 SL/CF	Mineral	RM 115.00 / 7L; RM 70.00 / 4L
HD 40 CF	Mineral	RM 60.00 / 4L

**Key selling points shown:** Heavy Duty, High Mileage, Clean Protection

- UEL Premium Mineral Series delivers reliable daily engine protection with stable viscosity under normal driving conditions.
- It helps reduce engine wear and noise while ensuring consistent lubrication throughout the service interval.
- A practical and cost-effective choice for conventional engines and regular city use.

## 3.4 Heavy Duty / ATF Series

Product	Oil type	Price shown on poster
15W40 CK4/SL	Fully Synthetic	RM 200.00 / 7.5L
ATF Dex 3	ATF / Automatic Transmission Fluid	RM 65.00 / 4L

- Engineered to provide smooth and responsive gear shifting.
- UEL ATF Dexron III is designed for improved transmission performance.
- UEL Fully Synthetic CK4/SL is developed for heavy-duty and high-load applications.

## 4. SIRIM Genuine Product Licence / Certification Notes

The uploaded SIRIM document contains a Certification for Genuine Product Licence and a Certification Report for WUHO Petroleum Packaging Sdn. Bhd.

Item	Details
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Certificate type	Certification For Genuine Product Licence / Lesen Pensijilan Produk Tulen
Licence number	PG000124
Company / licence holder	WUHO Petroleum Packaging Sdn. Bhd.
Address	No. 45, Jalan SMS 3, Kawasan Perindustrian Rawang Perdana, 48000 Rawang, Selangor, Malaysia
Product certified	Genuine Product - Engine Oils
Certification standard	SIRIM 58:2022
Certified since	12 November 2025
Issue date	12 November 2025
Valid until	12 November 2026
Serial number	119346

#### 4.1 Certification Report Details

Item	Details
Certification scheme	Certification Scheme for Genuine Product
File number	P5-022570
Report number	RPT019532
Edition	1
Revision	0
Date issued	12/11/2025
Applicant	WUHO Petroleum Packaging Sdn. Bhd.
Factory	WUHO Petroleum Packaging Sdn. Bhd.
Product	Genuine Product - Engine Oils
Certification basis	SIRIM 58:2022 Genuine Products - Requirements
Verified by	Irfan Abdullah Khalit
Approved by	Ts. Hasnol Bin Zakaria

### 5. Overall Summary of Additional Materials

- The API service labels support the product identity by showing API Service SQ, SAE viscosity grade, and Resource Conserving wording.
- The gasoline engine logo supports product presentation for gasoline-engine suitability.
- The passenger vehicle poster summarizes UEL products by category, including Ultra Tech, Premium Mineral, and Heavy Duty / ATF.
- The poster includes product prices, promotion prices, and key marketing benefits such as LSPI Protection, Turbo Safe, Fuel Economy, Heavy Duty, High Mileage, and Clean Protection.
- The SIRIM certificate supports the genuine product positioning for engine oils under SIRIM 58:2022, with validity from 12 November 2025 to 12 November 2026.