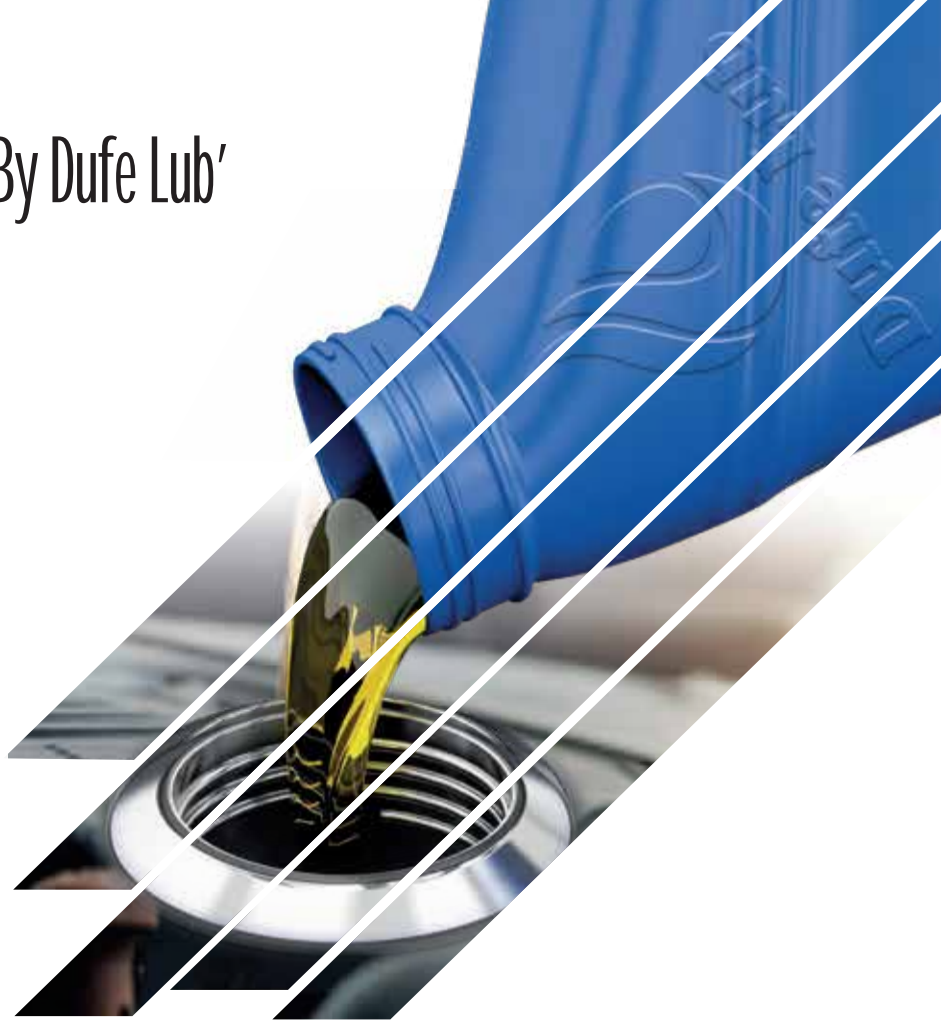


'Boost & Protect The Engine By Dufe Lub'



Dufe Lub

automotive and industrial lubricants

www.dufelub.com



Dufe Lub



About Us

Al Baraq Lubricant Manufacturing LLC, carries professionals having over 30 years of combined technical experience in lubricants industry.

A state of art, ISO 9001:2015 and ISO 14001:2015 certified blending plant with capacity of 31000 Metric Tons per year, Al Baraq is serving customer needs in Middle East, North/East/South and West Africa, Central/South Asia markets.

We specialize in creating region specific products, tailored to fight the weather, drive terrain and operating conditions.

We are proud of our Research & Development team motivated by customer needs and market analysis. We strive to improve after sales Service platform to pursue improved customer satisfaction Index every day. We produce both Mineral and synthetic based Lubricants and can handle wide range of Calcium & Lithium based grease requirements.

We have invested with an open heart to develop Dufe Lub brand that is engineered to cater various demands of customer's requirements and major OEM, recommendations. We produce full range of Automotive, Industrial, and Marine Lubricants in all applicable SAE grades in conformance with API specifications and standards.

Our Product Range also includes Hydraulic oil, Heat Transform oil, Turbine oil, Compressor oil and industrial Gear oil.

Our products are blended with high quality Virgin base oils, authentic and proven Additive range including but not limited to Afton, Infinium, Lubrizol and Chevron with accredited and patent formulation schemes, resulting in far superior quality in terms of increased efficiency, extended drain periods, better Engine protection, lower oil consumption, Lower wear and tear and Easy start up.



From the desk of CEO

Our focus on honesty, integrity and respect for customers form the basis of the Al Baraq Lubricants. Al Baraq Lubricants aims to play a key role in the Middle East in the development of high quality oil and lubricants products.

Our ultimate goal is customer satisfaction which can be achieved by providing the correct and proper products and services. To grow more each year, with more diversification of various products lines.

The strength of Al Baraq Lubricants is its dedicated personnel to service our customers round the clock, product inventory and prompt delivery.



Our Vision & Mission

Our Vision is to become a leading contributor in U.A.E. economy, emerging as leading player in lubricant industry among top ten lubed greases manufactures in the world.

we strive to become a consistent and a major share holder in lubricant industry in Automotive and Industrial lubes Base oils and Greases manufacture / sellers.

Our Mission is to be a dynamic, profitable and Consistent growth oriented company through market leading role, maximizing excellence in quality and service; to ensure attractive returns to Share holders; to reward employees according to their ability and performance; to foster a network of Professionals ensuing unique contribution to the development of the industry; customer satisfacton and protection of the enviroment by producing emission friendly green products and to remain a good corporate citizen fulfilling its corporate social responsibilities in all respects.



Staff Development

Employees are valuable assets of an organization and the key to success. Employees responsibility such as ensuring that they perform according to mission, goals, objectives and expectations of the organization.

We encourage employees to “think outside the box” when it comes to common problems or issues that arise within our business.



Team work

At Al Baraq lubricants, we believe in team work, which means going best for our organization and extending quality service to our valued customers through the combined efforts of our team of professionals.

Tam work enables us to accomplish tasks faster and more efficiently than tackling projects individually.



Continuous Innovation & Development

Our aim is to brings the continuously improvement in our products and services. It is necessary to take into account the increased eliance on employees creative abilities and be prepared to challenge conventional management and organisational models.



Health Safety & Environment

Al Baraq Lubricants ensures and pursue the goal of no harm to people. Our responsibility to maintain the highest health, safety and environment levels thought and action relying on friendly environment. Making sure our facility is secure is a major part in reducing workplace stress.



Quality

Our best business plan is Quality. Our policy is to satisfying our customers and retaining their loyalty so they continue to buy from us in the future. Al Baraq make an important contribution to long-term revenue and profitability. It enable us to charge and maintain good prires. It influences our company's reputation. Accreditation to a recognized quality standard may be essential for dealing with certain customers or complying with legislatin. Growing demand for our products of high quality can lead to a good competition



Customer Care

Customers are the Assets for any business. Doing everything to satisfied the customers is our mission. We deal with and help resolve any customer complaints and keep our customers satisfied.



Loyalty

Our goal is to do the business with honesty, building a good relationship with customers, and build a trusted name for future dealing.

Boost & Protect the Engine by Dufe Lube



Dufe Lube

**SAE
0W20 SN+**



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- API Service Category SN
- ACEA C2-12
- MB 229.31
- MB 229.71
- Jaguar Land Rover 51.5122
- Porsche C20
- VM 508.00/509.00

Dufe lub super ultra-10+ SYNTHETIC 0W20 SN+ is the most advanced performance synthetic engine oil, blended from fully synthetic base oils and high quality additives.

- It allows the longest possible service life for exhaust treatment systems, such as catalytic converters and with its modern fuel economy formula finds use across the entire year.

**SAE
0W30 SN+**



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- API Service Category SN
- ACEA C2-12
- MB 229.31
- MB 229.71
- Jaguar Land Rover 51.5122
- Porsche C20
- VM 508.00/509.00

Dufe lub super ultra-10+ SYNTHETIC 30 SN+ is the most advanced performance synthetic engine oil, blended from fully synthetic base oils and high quality additives.

- It allows the longest possible service life for exhaust treatment systems, such as catalytic converters and with its modern fuel economy formula finds use across the entire year.

**SAE
0W40 SN+**



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- API Service Category SN
- ACEA C2-12
- MB 229.31
- MB 229.71
- Jaguar Land Rover 51.5122
- Porsche C20
- VM 508.00/509.00

Dufe lub super ultra-10+ SYNTHETIC 0W40 SN+ is the most advanced performance synthetic engine oil, blended from fully synthetic base oils and high quality additives.

- It allows the longest possible service life for exhaust treatment systems, such as catalytic converters and with its modern fuel economy formula finds use across the entire year.

Boost & Protect the Engine by Dufe Lube



Dufe Lube

SAE 5W20 API SN



Performance, Features & Benefits

DUFE LUB SUPER ULTRA-10 SYNTHETIC 5W20 SN meets or exceeds the North American warranty requirements for U.S., European and Japanese cars and light trucks with gasoline and gasoline turbo-charged engines where API SN PLUS, SN with Resource Conserving, SN, SM, SL, SJ etc. oils are specified. Benefits are as follows:

- * Protection for extremely high temperatures
- * Protection against harmful deposits and acids, which aids in a clean running and lasting engine
- * May be used at any time in an engine's life-cycle and is fully compatible with conventional engine oils.
- * Low-Speed Pre-Ignition (LSPI) protection for modern turbocharged engines.

Main Applications

FORMULASHELL® CONVENTIONAL MOTOR OIL is formulated for improved fuel economy and to provide engine protection and performance required by modern engines. FORMULASHELL® CONVENTIONAL MOTOR OIL is compatible with other conventional and synthetic oils. It exceeds all automobile and light truck warranty requirements for gasoline and turbocharged engines where an API SN and ILSAC GF-5 oil is recommended.

Specifications, Approvals & Recommendations

- « General Motors GM 6094M
- « Chrysler MS 6395
- « Ford WSS-M2C945-A, M2C930-A

Exceeds the requirements of the following industry specifications:

- « API SN PLUS
- * API SN and all previous categories
- * API SN and all previous categories
- * ILSAC GF-5

For a full listing of equipment approvals and recommendations please consult your local Shell Technical Helpdesk. Always follow manufacturer's recommendations and specifications for viscosity grade and API service.

SAE 5W30 API SN



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- | | | | |
|---------------------------|------------------|--------------------|------------|
| • SAE Service Category SN | • ACEA A3/B4-16 | • MB 229.3 | • MB 229.5 |
| • VW 502.00/505.00 | • Renault RN 710 | • Opel GM-LL-B-025 | • JASO MA2 |

DUFE LUB SUPER ULTRA-10 SYNTHETIC 5W30 SN are high quality lubricants with one of the latest SAE specifications.

The SAE specification makes sure the lubricants have high temperature deposit protection for pistons, excellent sludge control, better seal compatibility, and after treatment compatibility. The ACEA A3/B4 specification is intended for the use in high performance gasoline and direct injection diesel engines. However, it is also particularly suitable for applications that need to meet the ACEA A3/ B3 specification. This product meets several specifications of large OEMs like Mercedes Benz and Volkswagen and Renault.

- Outstanding thermal and oxidative stability
- Improved fuel economy and filterability
- Enhanced thermal stability at high temperature
- Extremely high control over wear, rust and corrosion to ensure long life of moving parts

SAE 5W40 API SN



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- | | | | |
|---------------------------|------------------|--------------------|------------|
| • SAE Service Category SN | • ACEA A3/B4-16 | • MB 229.3 | • MB 229.5 |
| • VW 502.00/505.00 | • Renault RN 710 | • Opel GM-LL-B-025 | • JASO MA2 |

DUFE LUB SUPER ULTRA-10 SYNTHETIC 5W40 SN are high quality lubricants with one of the latest SAE specifications.

The SAE specification makes sure the lubricants have high temperature deposit protection for pistons, excellent sludge control, better seal compatibility, and after treatment compatibility. The ACEA A3/B4 specification is intended for the use in high performance gasoline and direct injection diesel engines. However, it is also particularly suitable for applications that need to meet the ACEA A3/ B3 specification. This product meets several specifications of large OEMs like Mercedes Benz and Volkswagen and Renault.

- Outstanding thermal and oxidative stability
- Improved fuel economy and filterability
- Enhanced thermal stability at high temperature
- Extremely high control over wear, rust and corrosion to ensure long life of moving parts

Boost & Protect the Engine by Dufe Lube



Dufe Lube

SAE 10W30 SN



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- SAE SN, API Resource Conserving
- ILSAC GF-5

DUFE LUB SUPER ULTRA-10 SYNTHETIC 10W30 SN is a very high performance product, blended from fully synthetic base oils and high quality additives.

- This product is designed for use on all the latest gasoline engines.

SAE 10W40 API SN



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- SAE Service Category SN
- ACEA A3/B4-16
- MB 229.3
- MB 229.5
- VW 502.00/505.00
- Renault RN 710
- Opel GM-LL-B-025
- JASO MA2

DUFE LUB SUPER ULTRA-10 SYNTHETIC 10w40 SN are high quality lubricants with one of the latest SAE specifications. The SAE specification makes sure the lubricants have high temperature deposit protection for pistons, excellent sludge control, better seal compatibility, and after treatment compatibility. The ACEA A3/B4 specification is intended for the use in high performance gasoline and direct injection diesel engines. However, it is also particularly suitable for applications that need to meet the ACEA A3/ B3 specification. This product meets several specifications of large OEMs like Mercedes Benz and Volkswagen and Renault.

- Outstanding thermal and oxidative stability
- Improved fuel economy and filterability
- Enhanced thermal stability at high temperature
- Extremely high control over wear, rust and corrosion to ensure long life of moving parts

SAE 10W40 SN FG



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- SAE Service Category SN
- ACEA A3/B4-16
- MB 229.3
- MB 229.5
- VW 502.00/505.00
- Renault RN 710
- Opel GM-LL-B-025
- JASO MA2

DUFE LUB SUPER ULTRA-10 SYNTHETIC 10w40 SN (FG Oil Color) are high quality lubricants with one of the latest SAE specifications. The SAE specification makes sure the lubricants have high temperature deposit protection for pistons, excellent sludge control, better seal compatibility, and after treatment compatibility. The ACEA A3/B4 specification is intended for the use in high performance gasoline and direct injection diesel engines. However, it is also particularly suitable for applications that need to meet the ACEA A3/ B3 specification. This product meets several specifications of large OEMs like Mercedes Benz and Volkswagen and Renault.

- Outstanding thermal and oxidative stability
- Improved fuel economy and filterability
- Enhanced thermal stability at high temperature
- Extremely high control over wear, rust and corrosion to ensure long life of moving parts

Boost & Protect the Engine by Dufe Lube



Dufe Lube

SAE 10W60 SN



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- SAE Service Category SN/CF
- ACEA A3/B4-16
- MB 226.5, MB 229.1
- MB 229.3
- PSA B71 2300
- VW 501.00/505.00
- Renault RN 710
- JASO MA2

DUFE LUB SUPER ULTRA-10 SYNTHETIC 10W60 SN are high quality lubricants with one of the latest SAE specifications. The SAE SN specification makes sure the lubricants have high temperature deposit protection for pistons, excellent sludge control, better seal compatibility, and after treatment compatibility. The ACEA A3/B4 specification is intended for the use in high performance gasoline and direct injection diesel engines. However, it is also particularly suitable for applications that need to meet the ACEA A3/ B3 specification. This product meets several specifications of large OEMs like Mercedes Benz and Volkswagen and Renault.

- Outstanding thermal and oxidative stability
- Improved fuel economy and filterability
- Enhanced thermal stability at high temperature
- Extremely high control over wear, rust and corrosion to ensure long life of moving parts

SAE 20W50 SL GOLD



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- SAE SL/GOLD
- ILSA GF-3
- ACEA A2/B2
- JASO MB
- MIL-L46152B
- MIL-L2104D

DUFE LUB SUPER ULTRA-5 20W50 SL GOLD is a superior high quality engine oil formulated using highly refined base stocks and state of art additive technology.

- It is recommended for use on most modern, high powered cars, vans and light trucks, including those with multi valve techniques and vehicles fitted with or without catalytic converters, operating under most severe driving conditions.

SAE 20W50 SL FG



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- SAE SL/GOLD
- ILSA GF-3
- ACEA A2/B2
- JASO MB
- MIL-L46152B
- MIL-L2104D

DUFE LUB SUPER ULTRA-5 20W50 SL (FG Oil Color) is a superior high quality engine oil formulated using highly refined base stocks and state of art additive technology.

- It is recommended for use on most modern, high powered cars, vans and light trucks, including those with multi valve techniques and vehicles fitted with or without catalytic converters, operating under most severe driving conditions.

Boost & Protect the Engine by Dufe Lube



Dufe Lube

**SAE
20W50 4T**



PRODUCT DESCRIPTION

Dufe Lube Super Ultra-5 4T is a fully synthetic 4-Stroke lubricant. Excellent shear resistance protecting engine and gearbox. Smooth shifting. Meets JASO MA2 specifications for optimal wet clutch performance.

APPLICATION

Primarily intended for general use in all types of four-stroke motorcycles and engines, especially Hero, Yamaha and Honda with <150 cc engines. Suitable for catalytic converters.

PROPERTIES

- + Good wear protection
- + Thermal and oxidation stability
- + Helps keep engines clean for smoother operation
- + Helps extend engine life

PERFORMANCE LEVELS

Meets and exceeds:

» API SN/SM/SL/SJ/SH/ SG ; JASO MA/ MA2

**SAE 20W 50
API CH 4**



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- SAE CH4 Approval 228.1
- Volvo VDS-3
- MAN 271
- Caterpillar ECF-1a
- Mack EO-K/2
- Cummins CES 20075
- Allison C4

DUFE LUB DYNAMIC PREMIER-5 20W50 CH-4 engine oils are high performance universal mixed fleet oils, recommended for diesel engines.

- Selected additives help minimize sludge formation caused by frequent stop-and-go driving conditions, thereby helping to reduce engine wear.
- Additional benefits include soot dispersancy and piston deposit control which helps keep engines cleaner.
- All-Fleet engine oils are also recommended for off-the-road vehicles, taxi cabs, police cars, and light trucks (vans) and pleasure boats.

**15W-40
API CI-4**



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- ACEA E7-10
- A3/B4, MB 228.3
- JASO DHD-1
- Renault RLD-2
- Cummins CES 20076/
- 20077-20078
- Volvo VDS-3
- MAN M 3275

DUFE LUB DYNAMIC PREMIER-10 15W40 is a High Performance diesel engine oil meeting and exceeding API CI-4 standard and available in a shear stable viscosity grade. This engine oil contains an effective detergent-dispersant which keeps the engines highly clean. It is additionally fortified with oxidation-corrosion inhibitors, foam inhibitors to protect vital engine parts from scuffing and wear and to protect bearings from corrosion.

- Excellent engine cleanliness through advanced soot handling technology.
- Mixed fleet capabilities.
- Exceptional low engine wear.
- Trouble free operation between long drain service intervals.
- Reduced maintenance capabilities.
- Low Oxidation
- All season engine oil

Boost & Protect the Engine by Dufe Lube



Dufe Lube

ATF DEX III



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- Allison C-3 & C-4
- BMW LA2634
- Chrysler/Dodge/Jeep 05127382AA
- Ford XT-2-QDX
- GMDEXRON®-IIIH
- Jaguar JLM 20292
- Porsche ATF 3403- M115 Renault DPO/AL4
- Toyota ATF D-III
- VWGUS 000 162

DUFE LUB SHIFT POWER SYNTHETIC ATF DEX III is an automatic transmission fluid that meets GM Dexron® IIIG and Ford Mercon® standards.

- This lubricant is formulated with fully synthetic base oils and carefully selected additives to meet the challenging demands of an automatic transmission environment.

ATF DEX IV



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- GMDEXII
- GM DEX IID
- GM DEXIIE
- GM DEX IIIF
- GM DEX IIIG
- GM DEX IIH
- GM DEX VI

DUFE LUB SHIFT POWER SYNTHETIC ATF DEX IV is approved for use in all General Motors automatic transmissions.

- It is licensed against Dexron® VI which supersedes all previous Dexron® specifications for General Motors Holden applications.

ATF CVT



Product Description:

DUFE LUB SHIFT POWER ATF CVT - is based on exceptional quality synthetic base oil in combination with a special selected EP-additive package to reach to following properties:

- Good thermo-and oxidation.
- To be used in Audi Multitronic and Mercedes Benz Autotronic.
- Extended drain interval possible.
- Excellent antiwear, antirust and anticorrosion technology.
- High Viscosity index ensures adequate lubrication in both high operating & low starting temperatures.
- Better foam control leads to smooth & lasting shift feel and reduces fluid loss.
- Enhanced Low temperature fluidity assist in good cold start performance.
- Compatibility with all common seal materials.

Use:

DUFE LUB SHIFT POWER ATF CVT - is an ultra high performance transmission fluid formulated with selected base stocks and specially recommended for use in the latest generations of Continuously Variable Transmission (CVT) - gearboxes which transfer traction via steel-made traction chains or push-belts.

Specification:

Approvals: - MB 236.20, Ford WSS-M2C928A BMW 83 22 0 136 376 / 83 22 0 429 154 VW G 052 180, EZL 7992. Technical parameters: Kinematic viscosity at

Boost & Protect the Engine by Dufe Lube



Dufe Lube

GEAR OIL - 90



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- MIL-L-2105D MAN 342 M2 • ZF TE-ML OSA/7A/1 2E/16B/C&D/ • 17B/19B/21A
- Scania STO 1:0 • MB-Approval 235.0 • MACKGO-J • BOSCH TE-ML 08

DUFE LUB SUPERIOR HIGH PERFORMANCE MTF 90 are universal transmission gear oils which can be applied in both manual gearboxes as well as in final drives, where API GL-5 quality oil is prescribed. It contains special additives reducing fuel consumption and eliminating shifting problems. Due to this unique formulation not only wear, but also corrosion and foam building are reduced to a minimum. At high temperatures the oil is protected against thermal oxidation.

Superior Extreme Pressure Performance:

These Oils shows excellent EP (Extrerne Pressure) characteristics providing an adequate protection even under high shock loads and vibrations.

Excellent Resistance for Wear, Corrosion, Foaming and Oxidation:

These Oils shows an excellent resistance against wear, corrosion and foaming as well as oxidation and ageing at elevated temperatures.

GEAR OIL - 140



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- MIL-L-2105D MAN 342 M2 • ZF TE-ML OSA/7A/1 2E/16B/C&D/ • 17B/19B/21A
- Scania STO 1:0 • MB-Approval 235.0 • MACKGO-J • BOSCH TE-ML 08

DUFE LUB SUPERIOR HIGH PERFORMANCE MTF GL 140 are universal transmission gear oils which can be applied in both manual gearboxes as well as in final drives, where API GL-5 quality oil is prescribed. It contains special additives reducing fuel consumption and eliminating shifting problems. Due to this unique formulation not only wear, but also corrosion and foam building are reduced to a minimum. At high temperatures the oil is protected against thermal oxidation.

Superior Extreme Pressure Performance:

These Oils shows excellent EP (Extrerne Pressure) characteristics providing an adequate protection even under high shock loads and vibrations.

Excellent Resistance for Wear, Corrosion, Foaming and Oxidation:

These Oils shows an excellent resistance against wear, corrosion and foaming as well as oxidation and ageing at elevated temperatures.

SAE 80W90 GEAROIL



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- MIL-L-2105D • MAN 342 M2 • ZF TE-ML OSA/7A/1 2E/16B/C&D/
- 17B/19B/21A • SAE J2360 • SCANIA STO-1:0 • MACK GO-J • SAE J2360

SYNCRAGEN MTF GL SAE 80W are universal transmission gear oils which can be applied in both manual gearboxes as well as in final drives, where SAE GL quality oil is prescribed. It contains special additives reducing fuel consumption and eliminating shifting problems. Due to this unique formulation not only wear, but also corrosion and foam building are reduced to a minimum. At high temperatures the oil is protected against thermal oxidation.

• Superior Extreme Pressure Performance:

These Oils shows excellent EP (Extrerne Pressure) characteristics providing an adequate protection even under high shock loads and vibrations.

• Excellent Resistance for Wear, Corrosion, Foaming and Oxidation:

These Oils shows an excellent resistance against wear, corrosion and foaming as well as oxidation and ageing at elevated temperatures.

Boost & Protect the Engine by Dufe Lube



Dufe Lube

SAE 85W140 GEAROIL



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- MIL-L-2105D
- MAN 342 M2
- ZFTE-ML 05A/7A/1 2E/16B/C&D/
- 17B/19B/21A
- SAE J2360
- SCANIA ST0-1:0
- MACK GO-J
- SAE J2360

SYNCRAGEN MTF GL SAE 85W are universal transmission gear oils which can be applied in both manual gearboxes as well as in final drives, where SAE GL quality oil is prescribed. It contains special additives reducing fuel consumption and eliminating shifting problems. Due to this unique formulation not only wear, but also corrosion and foam building are reduced to a minimum. At high temperatures the oil is protected against thermal oxidation.

• **Superior Extreme Pressure Performance:**

These Oils shows excellent EP (Externe Pressure) characteristics providing an adequate protection even under high shock loads and vibrations.

• **Excellent Resistance for Wear, Corrosion, Foaming and Oxidation:**

These Oils shows an excellent resistance against wear, corrosion and foaming as well as oxidation and ageing at elevated temperatures.

HYDRAULIC 10W



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- Exceeds specifications from Vickers M-2952-S, I-286-S and 35VQ25 for high-speed and high-pressure pump.
- Milacron P-68, P-69 and P-70.
- Exceeds specifications from Cincinnati
- Exceeds specifications from Racine's variable volume van pump
- Exceeds specifications from Denison HF-0, HF-1 & HF-2

INGEN HYDRAULIC 10W are anti-wear hydraulic oils designed for high-pressure hydraulic systems with gear, piston or vane pumps. Using field proven zinc-type anti-wear additive systems, INGEN HYDRAULIC 10W OILS minimize wear in high-pressure vane and gear pumps and are also excellent performers in axial piston pumps using bronze components. INGEN HYDRAULIC AW has excellent thermal stability and effectively shed water allowing easy drainage of water from machine sumps.

- Very good resistance to oxidation.
- Very good thermo-oxidative properties.
- Excellent Demulsibility.
- Excellent resistance to shearing.
- Very good low-temperature properties.
- Multi-purpose usage.
- Recommended for use in mobile, marine and industrial hydraulic systems.
- Meet or exceed the specifications from major pump manufacturers.
- Recommended for many other applications air compressors, industrial
- Gear sets and speed reducers, air line lubricators, machine tool drives, etc.
- Where anti-wear rust and oxidation inhibited lubricants are required.

HYD AW37



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- Exceeds specifications from Vickers M-2952-S, I-286-S and 35VQ25 for high-speed and high-pressure pump..
- Milacron P-68, P-69 and P-70.
- Exceeds specifications from Cincinnati
- Exceeds specifications from Racine's variable volume van pump
- Exceeds specifications from Denison HF-0, HF-1 & HF-2

DUFE LUB PURE GUARD HYDRAULIC AW 37 are anti-wear hydraulic oils designed for high-pressure hydraulic systems with gear, piston or vane pumps. Using field proven zinc-type anti-wear additive systems, DUFE LUB HYDRAULIC AW OILS minimize wear in high-pressure vane and gear pumps and are also excellent performers in axial piston pumps using bronze components. DUFE LUB HYDRAULIC AW has excellent thermal stability and effectively shed water allowing easy drainage of water from machine sumps.

- Very good resistance to oxidation
- Very good thermo-oxidative properties
- Excellent Demulsibility
- Excellent resistance to shearing
- Very good low-temperature properties.
- Multi-purpose usage
- Recommended for use in mobile, marine and industrial hydraulic systems
- Meet or exceed the specifications from major pump manufacturers.
- Recommended for many other applications air compressors, industrial
- Gear sets and speed reducers, air line lubricators, machine tool drives, etc.
- Where anti-wear rust and oxidation inhibited lubricants are required.

Boost & Protect the Engine by Dufe Lube



Dufe Lube

HYD AW46



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- Exceeds specifications from Vickers M-2952-S, I-286-S and 35VQ25 for high-speed and high-pressure pump..
- Milacron P-68, P-69 and P-70. • Exceeds specifications from Cincinnati
- Exceeds specifications from Racine's variable volume van pump • Exceeds specifications from Denison HF-0, HF-1 & HF-2

DUFE LUB PURE GUARD HYDRAULIC AW 46 are anti-wear hydraulic oils designed for high-pressure hydraulic systems with gear, piston or vane pumps. Using field proven zinc-type anti-wear additive systems, DUFE LUB HYDRAULIC AW OILS minimize wear in high-pressure vane and gear pumps and are also excellent performers in axial piston pumps using bronze components.

DUFE LUB HYDRAULIC AW has excellent thermal stability and effectively shed water allowing easy drainage of water from machine sumps.

- Very good resistance to oxidation
- Very good thermo-oxidative properties
- Excellent Demulsibility
- Excellent resistance to shearing
- Very good low-temperature properties.
- Multi-purpose usage
- Recommended for use in mobile, marine and industrial hydraulic systems
- Meet or exceed the specifications from major pump manufacturers.
- Recommended for many other applications air compressors, industrial
- Gear sets and speed reducers, air line lubricators, machine tool drives, etc.
- Where anti-wear rust and oxidation inhibited lubricants are required.

HYD AW68



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- Exceeds specifications from Vickers M-2952-S, I-286-S and 35VQ25 for high-speed and high-pressure pump..
- Milacron P-68, P-69 and P-70. • Exceeds specifications from Cincinnati
- Exceeds specifications from Racine's variable volume van pump • Exceeds specifications from Denison HF-0, HF-1 & HF-2

DUFE LUB PURE GUARD HYDRAULIC AW 68 are anti-wear hydraulic oils designed for high-pressure hydraulic systems with gear, piston or vane pumps. Using field proven zinc-type anti-wear additive systems, DUFE LUB HYDRAULIC AW OILS minimize wear in high-pressure vane and gear pumps and are also excellent performers in axial piston pumps using bronze components.

DUFE LUB HYDRAULIC AW has excellent thermal stability and effectively shed water allowing easy drainage of water from machine sumps.

- Very good resistance to oxidation
- Very good thermo-oxidative properties
- Excellent Demulsibility
- Excellent resistance to shearing
- Very good low-temperature properties.
- Multi-purpose usage
- Recommended for use in mobile, marine and industrial hydraulic systems
- Meet or exceed the specifications from major pump manufacturers.
- Recommended for many other applications air compressors, industrial
- Gear sets and speed reducers, air line lubricators, machine tool drives, etc.
- Where anti-wear rust and oxidation inhibited lubricants are required.

SAE 30 TCW3



APPLICATIONS USES

- « Special oil for two stroke engines of all makes and power when manufacturer requires an oil meeting the specifications of NMMA TC-WII© or TC-W3©.
- « Premix with gasoline at the percentage recommended by the manufacturer.

PERFORMANCES

- Meets the Performance level of
- « NMMA TC-W3©

CUSTOMER BENEFITS

- « Increased detergent properties, avoiding clogging, ring sticking and spark plug fouling
- « Increased anti-wear properties. avoids engine seizure and binding
- « Reinforced anti-corrosive and anti-rust properties

Boost & Protect the Engine by Dufe Lube



FLUSHING OIL



DESCRIPTION

DUFE LUB FLUSHING OIL is a solvent free, fast acting, engine Cleaning formulation that removes engine deposits, sludge and contaminants with the oil service drain. It contains added zinc for engine wear protection and its fast acting formulation works in 10 minutes. The solvent free formulation protects gaskets and seals from damage during the cleaning process.

APPLICATIONS

DUFE LUB FLUSHING OIL is designed for use in all engine types in passenger cars, 4WD's, light & heavy duty commercial vehicles, motorcycles, farming, mining, agricultural, industrial equipment, marine and stationary engines. It is a non-detergent fluid and therefore can be used with full confidence in calcium sensitive environments

PROPERTIES

DUFE LUB FLUSHING OIL is safe to use in all petrol, LPG & diesel engines and is safe for catalytic converters, DPF's (Diesel Particulate Filters) and engine sensors. Its unique formulation of cleaning agents are designed to clean oil galleries, oil sludge and engine contaminants that effect lubrication of the engine. These contaminants are broken down by the Engine Flush and drained away with the oil service.

PERFORMANCE FEATURES AND BENEFITS

- * Ensures optimum oil circulation in the engine
- * Safe with DPF's and catalytic converters
- * Helps condition seals
- * Fast acting, cleans in 10 minutes
- * Solvent free to prevent engine seal damage
- * Minimizes compression loss Contains Zinc for added wear protection
- * Removes engine deposits with oil drain
- * Suitable for all Petrol, Diesel & LPG engines
- * Can be used with Mineral or Synthetic Oils
- * Removes contaminants that would affect new oil

CUTTING OIL



DUFE LUB Cutting Oil is a water miscible cutting oil produced with highly refined water base stocks, additives and emulsifying agent to make a stable emulsion with water of normal hardness. It is recommended for metal cutting and grinding operations.

COMPRESSOR OIL 46



Product Description

Dufe Lub Compressor Oil has been formulated from highly refined paraffinic base oils and high performance additives to provide outstanding lubrication in a variety of rotary and reciprocating air compressors. All ISO viscosity grades are formulated with outstanding oxidation performance, wear protection, resistance to rust and corrosion, rapid water separation and foam control.

Features and Benefits

Dufe Lub Compressor Oil is designed to provide long service life in most compressor applications. The thermal stability and oxidation resistance of these fluids can help to maintain cleaner compressors, thereby enabling longer running periods between scheduled maintenance and oil changes. The outstanding anti-wear and corrosion protection are designed to enhance equipment life, while reducing maintenance requirements.

Applications

- * Compressor Oil 68 is suitable for use in rotary vane and screw compressors.
- * Compressor 68, 122 and 220 are effective as "once-through" lubrication of reciprocating compressor cylinders as well as crankcases and some types of rotary compressors.
- * Recommended for Vacuum pumps and as R&O lubricants in other industrial oil applications
- * Compressor Oil is not recommended for breathing air or oxygen compression
- * In severe service applications, where equipment is subject to higher operating temperatures, subject to excessive deposits varnish and shortened service life, Mobil Rarus™ 1000 Series is strongly recommended. Mobil Rarus™ 1000 Series is available in ISO grades 32, 46 and 68
- * Follow the compressor manufacturers recommendations for lubricant selection
- * For gases other than air or natural gas and for specific compressor lubricant recommendations, please your Imperial Oil representative.

Features	Advantages and Potential Benefits
Outstanding resistance to oxidation and thermal degradation	Reduced deposits and coking, extended service life with the potential for reduced maintenance
Potent anti-wear protection	Can help reduce compressor component wear and thereby reduce maintenance requirements
Excellent rust and corrosion protection	Internal components are protected from surface degradation, thereby extending component life
Rapid release of foam and air release control	Rapid release of foam and air, protecting components from aeration and cavitation damage, leading to reduced wear
Rapid water separation from the oil	Less carryover to downstream equipment.
	Reduced sludge formation in crankcases, discharge lines, coalescers, and coolers

COMPRESSOR OIL 68



Dufe lub Compressor Oil 68 is formulated with suitable mineral base oils and selected European additive package. It provides very low pour points, very low flow points, high resistance to deposit formation and thermal stability to provide excellent performance over long service period.

INDUSTRIAL GEAR OIL EP 220



DESCRIPTION

DUFE LUB INDUSTRIAL GEAR OIL EP 220 is lead-free premium quality, heavy duty industrial gear lubricant formulated for enclosed gear sets operating under severe conditions. DUFE LUB INDUSTRIAL GEAR OIL EP is formulated from high quality, high VI base oils selected for its oxidation stability and water separating characteristics. Additives are incorporated which provide extreme pressure and anti-wear properties, rust and corrosion protection, increased oxidation stability, improved resistance to foam and excellent high load performance characteristics.

APPLICATIONS

DUFE LUB INDUSTRIAL GEAR OIL EP 220 is recommended for industrial enclosed gear drives representing load and speed conditions of extreme severity and also suitable for the lubrication of worm gear units. Although designed primarily for the lubrication of gears, their high overall performance makes it possible to extend their use to system involving gears, plain bearings, rolling bearings and sliding surfaces.

PERFORMANCE LEVEL

DIN 51517 PART3
AGMA 9005-D94
US Steel 224
David Brown S1.53 101

BENEFITS

- Excellent load-carrying capacity.
- Outstanding anti-wear properties.
- Excellent oxidation stability. • Rust and corrosion protection.
- Excellent lubricity and good anti-foam properties.
- Minimize friction, resulting in reduced bulk oil temperature.
- Effective demulsibility for rapid water separation.
- Resistance to micro-pitting.

INDUSTRIAL GEAR OIL EP 320



DESCRIPTION

DUFE LUB INDUSTRIAL GEAR OIL EP 320 is lead-free premium quality, heavy duty industrial gear lubricant formulated for enclosed gear sets operating under severe conditions. DUFE LUB INDUSTRIAL GEAR OIL EP is formulated from high quality, high VI base oils selected for its oxidation stability and water separating characteristics. Additives are incorporated which provide extreme pressure and anti-wear properties, rust and corrosion protection, increased oxidation stability, improved resistance to foam and excellent high load performance characteristics.

APPLICATIONS

DUFE LUB INDUSTRIAL GEAR OIL EP 320 is recommended for industrial enclosed gear drives representing load and speed conditions of extreme severity and also suitable for the lubrication of worm gear units. Although designed primarily for the lubrication of gears, their high overall performance makes it possible to extend their use to system involving gears, plain bearings, rolling bearings and sliding surfaces.

PERFORMANCE LEVEL

DIN 51517 PART3
AGMA 9005-D94
US Steel 224
David Brown S1.53 101

BENEFITS

- Excellent load-carrying capacity.
- Outstanding anti-wear properties.
- Excellent oxidation stability. • Rust and corrosion protection.
- Excellent lubricity and good anti-foam properties.
- Minimize friction, resulting in reduced bulk oil temperature.
- Effective demulsibility for rapid water separation.
- Resistance to micro-pitting.

BRAKE FLUID DOT 3



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- FMVSS 116 DOT 3
- SAE J1704
- ISO 4925 Class 3 & Class 4

DUFE LUB BRAKE FLUID DOT 3 is based on polyethylene glycol ether technology to provide the highest of brake and clutch performance in modern as well as older model automotive and commercial vehicles.

Key features and benefits include:

- Consistent and safe brake performance under severe braking pressure.
- Reduces leakage and loss of fluid to a minimum.
- Extended life and reliability of brake system components.

BRAKE FLUID DOT 4



MEETS AND EXCEEDS PERFORMANCE STANDARDS:

- FMVSS 116 DOT 4
- SAE J1704
- ISO 4925 Class 3 & Class 4

DUFE LUB BRAKE FLUID DOT 4 is based on polyethylene glycol ether technology to provide the highest of brake and clutch performance in modern as well as older model automotive and commercial vehicles.

Key features and benefits include:

- Consistent and safe brake performance under severe braking pressure.
- Reduces leakage and loss of fluid to a minimum.
- Extended life and reliability of brake system components.

Boost & Protect the Engine by Dufe Lube



Dufe Lube

COOLANT RED



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- BS 6580
- ASTM D-3306
- Complies with most engine manufacturer's requirements for fulfill coolants

DUFE LUB Coolant Red is a high quality mono ethylene glycol anti freeze radiator coolant that insures efficient operation of water cool internal combustion engines. It serves a protector against rust and corrosion of cooling systems as well as protects the engine from overheating and frost damage. The fluid will lower the freezing point of cooling water and will prevent water from boiling in hot weather.

- The cooling liquid absorbs the heat from the engine parts and gives it back to the atmosphere through the radiator.
- Even a very short period of working without cooling liquid is sufficient for a piston seizure or for cracks of the cylinder head, due to insufficient heat transfer.

COOLANT GREEN



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- BS 6580
- ASTM D-3306
- Complies with most engine manufacturer's requirements for fulfill coolants

DUFE LUB Coolant Green is a high quality mono ethylene glycol anti freeze radiator coolant that insures efficient operation of water cool internal combustion engines. It serves a protector against rust and corrosion of cooling systems as well as protects the engine from overheating and frost damage. The fluid will lower the freezing point of cooling water and will prevent water from boiling in hot weather.

- The cooling liquid absorbs the heat from the engine parts and gives it back to the atmosphere through the radiator.
- Even a very short period of working without cooling liquid is sufficient for a piston seizure or for cracks of the cylinder head, due to insufficient heat transfer.

COOLANT BLUE



MEETS & EXCEEDS PERFORMANCE STANDARDS:

- BS 6580
- ASTM D-3306
- Complies with most engine manufacturer's requirements for fulfill coolants

DUFE LUB Coolant Blue is a high quality mono ethylene glycol anti freeze radiator coolant that insures efficient operation of water cool internal combustion engines. It serves a protector against rust and corrosion of cooling systems as well as protects the engine from overheating and frost damage. The fluid will lower the freezing point of cooling water and will prevent water from boiling in hot weather.

- The cooling liquid absorbs the heat from the engine parts and gives it back to the atmosphere through the radiator.
- Even a very short period of working without cooling liquid is sufficient for a piston seizure or for cracks of the cylinder head, due to insufficient heat transfer.

GREASE LITHIUM EP2



MEETS & EXCEEDS PERFORMANCE STANDARDS:

MULTIPURPOSE EXTREME PRESSURE HIGH
LITHIUM COMPLEX GREASE.

- Dufe lub GREASGEN EP 2 are multi-purpose extreme pressure grease based on highly refined mineral oil and selected additives.
- Dufe lub Greasgen EP 2 is a tough, long-lasting, multi-purpose lithium grease designed for effective and economical lubrication of transportation, mining, and construction equipment.
- Dufe lub Greasgen EP 2 is a true multipurpose grease formulated for Tlubrication of loaded slide bearings, ball-bearings, roller- bearings, wheel-bearings, or vibrating applications.
- Dufe lub Greasgen EP 2 is recommended for the lubrication of industrial equipment Such as heavy-duty bearings, overloaded plain bearings.

GREASE LITHIUM MP2



BENEFITS:

- Resistance to water washout
- Suitability in wide temperature ranges
- Good pump ability
- Good mechanism stability
- Multifunctional use

- Dufe lub GREASGEN MP 2 is a high quality, lithium grease suitable for a wide range of applications.
- It is available in NLGI 2 and 3 consistencies. They are formulated for use in automotive equipment and general lubrication.
- The high quality base oils used in the manufacture of these greases have good resistance to oxidation and because of their low pour point, they provide lubrication at temperatures down to -20°C.
 - Automotive water pump bearings, steering joints and other chassis plain and anti-friction applications Centralized grease systems .
 - Mobile equipment such as automotive and commercial vehicles.
 - Dufe lub GREASGEN MP 2 minimizes wear under normal bearing load conditions and resists water wash-out.
 - It is also effective over a wide temperature range and protects against rust and corrosion where vehicles are lubricated by centralized grease systems.



automotive and industrial lubricants



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