

Information on  
**LUBRICANTS AND GREASES**  
for vehicle owners



MINISTRY OF PETROLEUM  
INDUSTRIES



PUBLIC UTILITIES COMMISSION  
OF SRI LANKA



## HOW TO CHOOSE LUBRICANTS AND GREASES FOR YOUR VEHICLE

This pamphlet has been prepared by the Public Utilities Commission of Sri Lanka (PUCSL) in association with Ministry of Petroleum Industries to be distributed among the users of lubricants and greases, with the intention of educating the vehicle owners on the correct selection and use of lubricants in their motor vehicles.

In this respect some basic information on lubricants and greases are given below.

### What is a lubricant?

A lubricant is a liquid (engine oil, gear oil, automotive transmission fluid) or semi solid substance (greases) which prevents direct contact between two adjacent moving parts of machinery. Lubricants can be mineral based made from petroleum or synthetic formulation made from pure chemical compounds.

### What does a lubricant do to your vehicle?

Lubricants prevent direct contact between two adjacent moving parts of an engine and protect the engine from wear. Not using the correct type of lubricant, as recommended by the engine manufacturer, would cause **irreparable damage** to the engine.

### What is the correct lubricant for your vehicle?

Automobile manufacturers recommend the quality standard of lubricant to be used. This is usually indicated in the owner's manual/handbook. If one is not available, you may check with the respective agent of the manufacturer of the vehicle.

## What will happen if you use higher / lower grade lubricant to your vehicle?

Never use a lubricant below the recommended quality standard as this will damage the engine. Using a lubricant of higher quality than recommended can give added benefits such as lower wear and tear, higher fuel efficiency, extended oil drain intervals, extended engine lifespan, etc. Higher quality lubricants are generally formulated to support the requirements of low emission engine designs.

Unlike other products where the quality of the product will be noted almost immediately, the effect of using substandard lubricants will only be seen after it has caused much damage to the engine. Therefore, using the correct lubricant in your vehicle is very important.

There are different standards for gasoline engine oils, diesel engine oils, four stroke motorcycle engine oils, two stroke engine oils, automatic transmission fluids, gear oils and greases. The quality standard that the lubricant meets is indicated on the lubricant can/package.



## How is lubricant market regulated?

The lubricant market is regulated and governed under the provisions of the Petroleum Products (Special Provisions) Act No. 33 of 2002 and the Ceylon Petroleum Corporation Act No. 28 of 1961.

The importation, exportation, blending, production, sale, supply and distribution of lubricants including greases require specific authorization from the Government.

Authorization is granted only to qualified parties who possess proper technical knowhow and adequate financial capability, to ensure that substandard products do not enter the market.

Therefore, when using lubricants, only lubricants manufactured and marketed by authorized parties should be selected.

# What are authorized brands & who are the authorized parties?

Parties presently authorized to market lubricants and authorized brand names are as follows;

 (BP, Castrol)	Associated Motorways Private Limited	Tel: 011-2309389 E-mail: bpcastrol@amwlt.com
 (Hyrex)	Ceylon Petroleum Corporation	Tele: 011-5663314, 077-2932815 E-mail: krishantha@ceypetco.gov.lk
 (Motul)	Dymanic Motors Limited	Tele: 011-4343744 E-mail: nadun@dynamic.lk
 (Caltex, Chevron, Texaco, Lanka Lubricants)	Chevron Lubricants Lanka PLC	Tel: 011-2370470 (toll free) E-mail: contactus@chevron.com
 (Greatwall)	InterOcean Lubricants Limited	Tele : 011-4799100 E-mail: lubes@interocean.lk
 (Servo)	Lanka IOC PLC	Tel: 011-2475420 E-mail: lankaioe@lankaioe.com
 (Laugfs Oil)	Laugfs Lubricants Limited	Tel: 011-5661421, 077-3022075 E-mail: nalakam@laugfs.lk
 (ExxonMobil, Esso, Mobil)	McLarens Lubricants Limited	Tele : 011-4799155 E-mail: secretariat@mclarens lubes.lk
 (Shell)	N. M. Distributors (Pvt) Limited	Tel: 011-5740681, 077-7270993 E-mail: nmdist@sltnet.lk
 (Elf, Total)	Nawaloka ABC Petroleum (Pvt) Limited	Tel: 011-2937937/38, 077-2442578 E-mail: sabtotal@ashfordint.net
 (Toyota)	Toyota Lanka (Pvt) Limited	Tel: 011-2939000, 011-2941561 E-mail: tgmo_info@toyota.lk
 (MAK)	TVS Automotives (Pvt) Limited	Tel: 011-4797200 E-mail: info@tvsauto.lk
 (Valvoline)	United Motors Lanka Limited	Tel: 011-4797278, 011-4797200, 077-7874569 E-mail priyanthae@unitedmotors.lk

## What are the Quality Standards for lubricants?

In the international market, the quality of lubricants is governed by the standards issued by organizations such as American Petroleum Institute (API) and Japanese Automobile Standards Organization (JASO) as well as individual Original Equipment Manufacturers.

The Sri Lanka Standards Institute has developed Sri Lanka Standards for main lubricant categories, which have been stipulated by the Government as the minimum standards for lubricants and greases in Sri Lanka.

Currently valid standards are given below;

Type of Lubricant	Minimum Standard	Equivalent International Standard	Other Standards Above Minimum Standard
Gasoline Engine Oil	SLSI 1374/2009	API SJ	API SL, API SM
Diesel Engine Oil	SLSI 1373/2009	API CF	API CF-2, API CG-4, API CH-4, API CL-4, API CJ-4
Two Stroke Engine Oil	SLSI 1446/2012	JASO FC	JASO FD
Four Stroke Motorcycle Engine Oil	SLSI 1409/2011	API SG and JASO MA	API SL and JASO MA, API SM and JASO MA, API SL and JASO MA
Automotive Gear Oil	SLSI 1396/2010	API GL 4	API GL 5, API GL 6
Automatic Transmission Oil	DEXRON IID, DEXRON III MERCON, ALLISON C4, JASO M315 Type Group A	DEXRON IID, DEXRON III MERCON, ALLISON C4, JASO M315 Type Group A	OEM Recommended Oils
Grease	SLSI 1424/2011	NLGI LA	NLGI LB, NLGI GA, NLGI GB NLGI GC

**API** - American Petroleum Institute

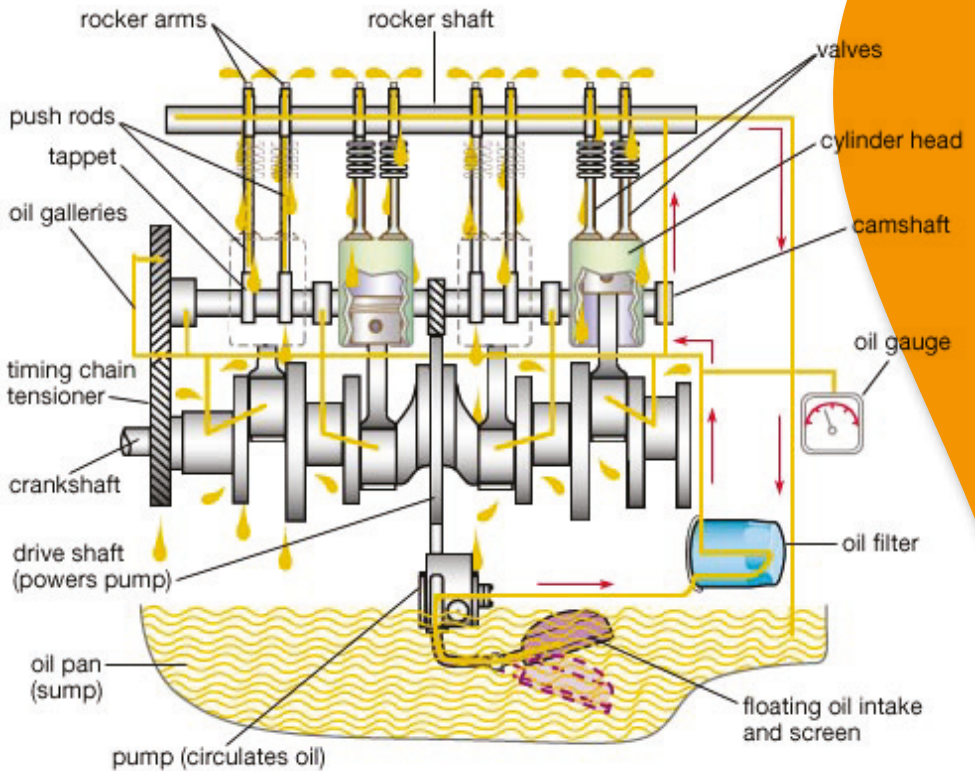
**JASO** - Japanese Automobile Standards Organization

**DEXRON** - Standard developed by General Motors International

**MERCON** - Standard developed by Ford Motor Company

**ALLISON** - Standard developed by Allison Transmission Company

**NLGI** - National Lubricating Grease Institute, USA



**For more information please contact us.**

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