

Appendix 2

ORIGINAL

TABLE A

NOTIFICATION AND WRITTEN CONSENT OF FILING BASED ON  
THE MOTORCYCLE –FOUR –STROKE CYCLE GASOLINE ENGINE OILS  
(JASO T 903:2011)

[NOTIFICATION OF FILING]

To: Paras Lubricants Limited

DATE: 12<sup>th</sup> October 2016

From : The JASO Engine Oil Standards  
Implementation Panel



As shown below, we have filed the motorcycle four-cycle oil with the oil code reference number and performance class indicated below, and hereby inform you as follows:

Receipt no.: M16082908  
Product name or no.: PALCO PANTHER-10W30  
Trade name: PALCO PANTHER-10W30  
Viscosity grade: 10W30  
Oil code reference no.: M091PLL220  
Performance class: JASO MA2

ORIGINAL

TABLE B

NOTIFICATION AND WRITTEN CONSENT OF FILING BASED ON  
THE MOTORCYCLE –FOUR –STROKE CYCLE GASOLINE ENGINE OILS  
(JASO T 903:2011)

[WRITTEN CONSENT OF FILING]

TO: The JASO Engine Cycle Oil Standards Implementation Panel

Regarding the marketing of a motorcycle four-cycle oil filed by the JASO Engine Oil Standards Implementation Panel (the "Panel"), we hereby agree to the following items:

1. We shall be liable for and guarantee the quality and performance of the motorcycle four-cycle oil concerned as well as the labelling thereof.
2. We shall resolve, by ourselves, any problems associated with the use of the motorcycle four-cycle oil concerned in the market, and we agree that the Panel will not be held responsible in any way.

3. We hereby guarantee that the quality and performance described in the notification documents submitted for filing are data representing the physicochemical properties and performance of the motorcycle four-cycle oil that will be actually marketed. Also the description of quality and performance being submitted is representative of that which will be used.
4. We will widely publicize and educate consumers through our sales channels that the quality and performance of the motorcycle four-cycle oil and its description being submitted for filing have been classified and guaranteed on our own accountability.
5. We shall not use in our advertisement any expression that may lead to the misunderstanding that the Panel has approved or certified the performance of the motorcycle four-cycle oil concerned.
6. Upon receipt of a request from the Panel, we shall submit the original friction test results under JASO T 903:2011 without delay.
7. We will approve that the Panel may disclose oil code reference number, submitter name, and product name and performance class, through communication media including internet, newspapers, magazines, and other publications. Further, where marked survey is conducted by the Panel, we will approve that the Panel may disclose the results of the market survey in a form whereby the name of the submitter and the oils are not identifiable.
8. When the marketing of the motorcycle four-cycle oil concerned is discontinued, we will immediately notify the Panel that the filing should be cancelled.
9. In addition to the above, we hereby acknowledge that we have understood all contents of the Motorcycles – Four Stroke Cycle Engine Oils (JASO T 903:2011) Implementation Manual and we hereby agree to abide by them in all respects.

Date: 12<sup>th</sup> August, 2016

Company: PARAS LUBRICANTS LIMITED

Responsible Person: MR. SUSHANT BANSAL

Title: DIRECTOR

For **PARAS LUBRICANTS LIMITED**

Signature: 

**SUSHANT K. BANSAL**  
**DIRECTOR**

Appendix 1  
**FILING NOTIFICATION BASED ON MOTORCYCLES – FOUR-STROKE CYCLE  
 GASOLINE ENGINE OILS  
 (JASO T 903:2011)**

Date of Submission of Documents		12 /Day / August/Month /2016/ Year	
Submitter	Paras Lubricants Limited	Contact person Name	Mr. Sushant Bansal
Name of Person Responsible for Documentation	Mr. Sushant Bansal	Position	Director Marketing
Signature	For PARAS LUBRICANTS LIMITED <i>Sushant Bansal</i> SUSHANT K. BANSAL DIRECTOR	Address	311-312, Manglam Paradise, Plot No.8, Manglam Palce, Sector-3, Rohini, Delhi-110085, INDIA
Title	Director Marketing	Tel	011-47889999
		Fax	011-47889921

Motorcycle 4-Cycle Oil To be Filed	
Internal Product Name or No.	PALCO PANTHER -10W30
Trade Name	PALCO PANTHER -10W30
Viscosity Grade	10W30
Performance Classification	MA MA1 <b>MA2</b> MB
Oil Code Reference Number	M091PLL220

Circle one of MA or MA1 or MA2 or MB

1. Quality on Engine Oil Specifications

Specifications	Categories
API	SG SH SJ <b>SL</b> SM SN
ILSAC	GF-1 GF-2 GF-3
ACEA	A1/B1 A3/B3 A3/B4 A5/B5 C2 C3 C4

Circle the performance category satisfied.

PALCO PANTHER-10W30

2. Physicochemical Properties

Item	Test Method		Measured Value	Specification	
	JIS K or JPI	ASTM			
Density (at 15°C) g/cm <sup>3</sup>	K 2249	D1298	0.865	Report	
Flash point °C	K 2265	D92 or D93	227	Report	
Kinematic viscosity (at 40°C) mm <sup>2</sup> /s	K 2283	D445	72.53	Report	
Kinematic viscosity (at 100°C) mm <sup>2</sup> /s	K 2283	D445	10.86	Note 1	
Viscosity index	K 2283	D2270	139	Report	
Low-temp. Vis. CCS(-25°C) mPa.s		D5293	4657	Note 1	
High-temp. High-share rate Vis.(at 150 °C) mPa.s	JPI-5S-36-91	D4683	3.65	2.9 Min.	
Sulfated Ash mass%	K 2272	D874	0.72	1.2 Max.	
Acid Number mg KOH/g	K 2501	D664	2.60	Report	
Base Number (HClO <sub>4</sub> method) mg KOH/g	K 2501	D2896	7.20	Report	
Evaporative Loss mass%	JPI-5S-41-93	D5800	10.6	20 Max.	
Foaming Tendency (Tendency-Stability)	Seq. I	K 2518	D892	NIL/NIL	10 Max.- Nil
	Seq. II mL			10/NIL	50 Max.- Nil
	Seq. III			NIL/NIL	10 Max.- Nil
Shear Stability(by diesel injector method) (Kinematic Viscosity after the test, at 100°C) mm <sup>2</sup> /S	xW-30	JPI-5S-29-88 (Note 2)	D6278	9.66	9.0 Min.
	xW-40				12.0 Min.
	xW-50				15.0 Min.
	Other grades				Stay in grade
Color (Visual inspection)				Clear Golden Natural	Report
Elemental analysis mass %	Calcium	JPI-5S-38-92	D4951	0.006	Report
	Barium	JPI-5S-38-92	D4951	NIL	Report
	Magnesium	JPI-5S-38-92	D4951	0.109	Report
	Zinc	JPI-5S-38-92	D4951	0.097	Report
	Boron	JPI-5S-38-92	D4951	0.004	Report
	Phosphorus	JPI-5S-38-92	D4951	0.08	≥ 0.08 ≥ 0.12
	Nitrogen	K 2609-1990	D4629	0.060	Report
	Sulfur	K 2541-1992	D2622	0.340	Report
	Other elements > 100ppm (except carbon, hydrogen, and oxygen)				NIL
Infrared absorption spectrum analysis (0.1mm sealed absorption cell)		A4 Size IR Spectra attached		A4 Size IR chart to be attached	

**NOTE 1** In accordance with Engine Oil Viscosity Classification, **SAE J300**.

**NOTE 2** Test shall be conducted under the standard test conditions (30 cycles).

3. Clutch Test Results of Friction properties (JAS T 903:2011)

Test Method	Evaluation Item	Test Results	Standard Index			
			MA	MA2	MA1	MB
JASO T 903:2011	* DFI (Dynamic Friction Characteristic Index –DFI)	1.92	≥1.45 and <2.50	≥1.80 and <2.50	≥1.45 and <1.80	≥0.50 and <1.45
	* SFI (Static Friction Characteristic Index –SFI)	2.28	≥1.15 and <2.50	≥1.70 and <2.50	≥1.15 and <1.70	≥0.50 and <1.45
	* STI (Stop Time Index –STI)	1.97	≥1.55 and <2.50	≥1.90 and <2.50	≥1.55 and <1.90	≥0.50 and <1.55

We hereby warrant that the test results described in this document indicate typical figures of the motorcycle four-cycle oil concerned and representative performance of the product that will be marketed as such.

The test reports were prepared according to the format specified in the JASO Standard and the retained test reports are kept under our own responsibility. We herewith submit a representative example of performance classification marking and a copy of the label of the motorcycle 4-cycle oil concerned that will be used on containers and documentation.

Note:

- 1) Refer to the "MOTORCYCLES-FOUR-CYCLE GASOLINE ENGINE OILS (JASO T 903:2011) IMPLEMENTATION MANUAL" in filling in this form.
- 2) The current version of the JASO test procedure at the time of submission must be used to generate test data which are reported in the documents submitted.
- 3) The management fee is Yen 40,000 per submission. It should be paid into one of the following bank account, and a certificate of the payments should be attached to the documents being submitted to the JASO Engine Oil Standards Implementation Panel.

Appointed Bank:	Funabashi Branch Of the Sumitomo Mitsui Banking Corporation
Account No.:	Ordinary Deposit #6359999
Owner of the Account:	The Japan Lubricating Oil Society
Or	
Appointed Bank	Funabashi Branch of the Tokyo-Mitsubishi UFJ. Ltd.
	Ordinary Deposit #1036018
Owner of the Account:	The Japan Lubricating Oil Society

- 4) In the case where a false report is made, and labelling of the performance of a product and sales were made based on such a report, the company concerned may be penalized under the Act against Unjustifiable Premiums and Misleading Representations of Japan, Article 4, Item 1 or the Unfair Competition Prevention Laws of Japan, Article 2, item 10, or any other equivalent laws in the country in which the products is marketed.

Only for the Use of the JASO Engine Oil Standards Implementation Panel

Person responsible for receipt – Name: J. Shimazaki Seal:

Date of receipt: 2016.10.12

Receipt number: M16082908

Remarks:

