The Director General
Sri Lanka Standards Institution
No.17, Victoria Place,
Elvitigala Mawatha,
Colombo – 08,
Sri Lanka.

APPLICATION FOR QUALIFICATION APPROVAL UNDER SLS 1373

I hereby apply for Qualification Approval under SLS 1373 with the Sri Lanka Standards Institution.

1. Name of the organization :
2. Postal address :
3. Telephone No :
4. Email address :
5. Details of contact person :
    a. Name :
    b. Designation :
    c. Telephone no :
    d. Email address :

6. Product details: (Please provide Base oil data, Prototype data and Oil data separately for each brand. Prototype data shall be submitted on official letterhead of the oil manufacturer or brand owner, signed by an authorized officer. Kindly note that all the information provided, shall be treated strictly confidential and will not be divulged to any other party.)

Brand name	SAE Viscosity grade

7. Declaration by the applicant
   In order to ensure conformity of the above mentioned products, with SLS 1373: Specification for crankcase lubricating oils for internal combustion diesel engines, we agree to provide required information and pay applicable charges with applicable taxes prior to the grant of qualification approval.

   In the event the qualification approval being suspended or cancelled, all relevant advertising material will be withdrawn with immediate effect.

Signature:

Date:

Name:

Designation:

Stamp of the Organization:

INFORMATION TO BE SUBMITTED TO OBTAIN QUALIFICATION APPROVAL

Following shall be submitted either on official letter head of the oil manufacturer or brand owner, signed by an authorized officer giving following particulars:

Full name :
Designation :
Official address :
Contact no. & email :

BASE OIL INFORMATION					
1	Name of the base oil :				
2	API category of the base oil:				
PROTOTYPE INFORMATION					
Name of the laboratory:					
Address:					
Reference to the sample tested:					
Date:					
Requirement			**Test result**		
1	Conformity to Clause **5.4.1**				
2	Low temperature cranking viscosity, mPa.s				
3	Low temperature pumping viscosity, mPa.s				
4	Low shear rate kinematic viscosity, mm2/s at 100 ^{0}C				
5	High shear rate viscosity, mPa.s at 150 ^{0}C				
6	High temperature corrosion bench test	Copper increase, ppm			
7		Lead increase, ppm			
8		Tin increase, ppm			
9		Copper corrosion rating			
10	Foam test	Sequence I, mL			
11		Sequence II, mL			
12		Sequence III, mL			
13	Shear stability	After shear viscosity SAE 10W-30			
14		After shear viscosity SAE 15W-40			
15	Volatility loss at 250 ^{0}C	Noack (SAE 10W-30), % loss			
16		Noack (SAE 15W-40), % loss			
17	Volatility loss at 371 ^{0}C	GCD (SAE 10W-30), % loss			
18		GCD (SAE 15W-40), % loss			
			1 Test	2 Tests	3 Tests
19	Mack T-8E	Relative viscosity @ 4.8% soot			
20		Viscosity increase @ 3.8% soot, cSt			
21	Mack T-9	Liner wear, microns			
22		Top ring weight loss, mg			
23		Increase in Lead level, ppm			
24	Cummins M-11	Rocker pad average weight loss normalized to 4.5 % soot, mg			
25		Oil filter delta pressure at EOT, kPa			
26		Average sludge rating, merits			
27	Caterpillar 1P	Weighted total demerits, demerit			
28		Top groove carbon, s			
29		Top land carbon, %			

30		Average oil consumption, %			
31		Final oil consumption, gm/hr			
32		Piston ring and liner scuffing, gm/hr			
33	Caterpillar 1K	Weighted total demerits, demerit			
34		Groove No. 1 (Top) fill, s			
35		Top land heavy carbon, %			
36		Oil consumption, (0-252) h, %			
37		Piston ring and liner scuffing, g/MJ			
38	Roller follower wear test	Pin wear, µm/mils			
39	Engine oil aeration test	Aeration, % volume			
40	Sequence IIIF	Viscosity increase at 60 hours, %			
41	Sulfated ash, %				
42	Total base number, mg KOH/g				
43	Metallic Components	Barium, %			
44		Boron, %			
45		Calcium, %			
46		Copper, %			
47		Magnesium, %			
48		Molybdenum, %			
49		Phosphorus, %			
50		Sulfur, %			
51		Zinc, %			

OIL INFORMATION		
Name of the laboratory:		
Address:		
Reference to the sample tested:		
Date :		
Requirement		**Test result**
52	Low temperature cranking viscosity, mPa.s	
53	Low temperature pumping viscosity, mPa.s	
54	Low shear rate kinematic viscosity, mm2/s at 100 ^{0}C	
55	High shear rate viscosity, mPa.s at 150 ^{0}C	
56	Viscosity index	
57	Sulfated ash, %	
58	Total base number, mg KOH/g	
59	Metallic Components — Barium, %	
60	Boron, %	
61	Calcium, %	
62	Copper, %	
63	Magnesium, %	
64	Molybdenum, %	
65	Phosphorus, %	
66	Sulfur, %	
67	Zinc, %	
68	Conformity to stability as per Clause **5.5**	
69	Conformity to compatibility as per Clause **5.6**	