PROTEA P 2®

OIL TREATMENT





P260

FLUSHING ENGINES

PRODUCT CARD

PRESENTATION

P260 - FLUSHING ENGINE AND HYDRAULIC LIFTER CLEANER is an advanced formulation for the internal cleaning of all types of combustion engines. P260 effectively cleans the oil system of gums, varnish, thermal pollution and other deposits. Its unique lubricating properties enable this product to protect the engine while the cleaning process is taking place. The product is compatible with catalytic converters.

APPLICATION

- **Cleans** the entire engine oil circuit
- **Enhances** the properties of the new oil after
- **draining, retains** its lubricating properties longer
- **Cleans** valves and reduces valve noise
- **Cleans** the grooves and piston rings in parts of the lower engine
- **Restores** compression
- **Clean** all the parts in contact with oil (rods, bearings etc).

COMPOSITION OF THE PRODUCT

Solvents, lubricants, active polymolécular complex

PACKAGING

Metal flask of **460 ml** in boxes of 30 pieces
Metal barrel of **1 liters** in boxes of 16 pieces
Metal barrel of **5 liters** in boxes of 6 pieces
Metal barrel of **30 liters**
Metal barrel of **200 liters**

DOSAGE GUIDE

1 liter of **PROTEA P260** treats **10 liters** of oil.

PHYSICAL CARACTERISTICS

Properties	Caracteristics
Color	Brown Yellow
Odour	characteristic
Boiling point or initial boiling point and boiling range	139,1 °C at 1.013 hPa
Flammability	flammable liquid in accordance with GHS criteria
Lower and upper explosion limit	0,6 vol% - 7 vol%
Flash point	54 – 58 °C
Auto-ignition temperature	>200 °C (auto-ignition temperature (liquids and gases))
Vapour pressure	≤3,7 kPa at 37,8 °C

Density and/or relative density

Density	847 – 875 g/cm3

Other safety characteristics

Temperature class (EU, acc. to ATEX)	T3 (maximum permissible surface temperature on the equipment: 200°C)

USAGE

- Warm up the engine for 10 minutes while parked.
- Before changing the engine oil, pour the prescribed amount of P260 into the oil sump.
- Drive the vehicle for 30 to 40 minutes (if possible, in traffic; while idling, rev the engine a few times during the treatment).
- Drain the (used) engine oil.
- Replace the oil filter.
- Refill with fresh oil.

LABORATORY TESTS

A. TESTS OF CORROSION

ASTM D 130 | ASTM D 665 A TIENE | ASTM D 665 B

B. PHYSICAL TESTS OF THE COMPRESSION RATIO

Average on 15 tests of compression: 10.6% of improvement

Nb of Cylinders	1	2	3	4	5	6	Average Comp Front	1	2	3	4	5	6	Average Comp Afterwards	Improvement
4	180	180	170	170			175.00	190	190	190	190			190,00	8,57 %
3	13,5	13	12				12,83	15	14	14				14,33	11,70 %
4	180	180	190	170			180,00	190	190	190	190			190,00	5,60 %
4	180	180	190	190			185,00	180	180	185	187			183,00	-1,10 %
4	110	125	130	105			117,50	125	130	145	135			133,75	13,80 %
4	180	180	190	170			180,00	190	190	190	190			190,00	5,60 %
4	140	145	145	135			141,25	147	150	150	163			152,50	8,00 %
4	118	112	105	115			112,50	120	122	120	128			122,50	8,90 %
3	125	125	150				133,30	150	150	150				150,00	12,50 %
4	200	190	190	160			185,00	200	200	200	200			200,00	8,10 %
4	165	180	165	170			170,00	180	190	180	190			185,00	8,80 %
4	135	175	165	125			150,00	165	180	185	140			167,50	11,70 %
4	180	180	150	180			172,50	200	200	200	200			200,00	15,90 %
4	160	160	160	190			167,50	210	210	210	210			210,00	25,40 %
6	170	180	135	180	135	165	160,83	180	190	195	190	180	180	185,83	15,50 %
											AVERAGE IMPROVEMENT				**10,598 %**

MANIPULATION AND STORAGE

Handle and open the barrels with precaution. Store the barrels in a ventilated and fresh room, far from much produced incompatible. Neither handle, store nor open the barrels close to a flame or an important heat source. Protect the barrels from any direct source of heat.

NOTE

For the first use of the product, **PROTEA P2 FRANCE** recommends the assistance of a technician or a person trained by our technical team so that the product is properly implemented.

PROTEA P2®

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Oil Treatment

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