



We are honored to introduce Payam Saderat Co. as a manufacturer of high quality Recycle base oils, Gasoline Engine oil, Diesel Motor oil, Gear oil and Antifreeze.

Payam Saderat Co. was established since 1995 in Iran enjoys healthy relations with the various foreign customers and also various unions in the private sector, also the scope of commercial-export activities expanded to many countries such as African countries (Ghana, Djibouti, Tanzania), South East Asia (Myanmar, India, China), CIS Countries (Armenia, Azerbaijan, Kazakhstan) and the other countries.

PAYAM SADERAT



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BASE OIL

(SN 150, SN 350 , SN 500)

The main advantage of Payam Saderat recycled base oil is the color of this lubricant will not change during a long time and it is stable and this color stability has made it too popular in the market, because it shows its high quality. Besides the color stability in the following there exist other reasons that Payam Sadeart suplies high quality recycled base oil and it's in the three grades SN150 SN350 and SN500.

Advantages

- Its flash point is in a suitable range
- It has high Viscosity
- It has low acidity (Typical 0.015)
- It has less smell
- Color Stability



Typical Characteris

Specifications	ASTM	SN 150	SN 350	SN 500
Viscosity@ 100 ° c (cSt)	D-445	7-8	8-9	9-10
Viscosity Index (VI) (min)	D-2270	110	105	95
Pour Point (° c) (max)	D-97	0	0	0
Flash Point (° c) (min)	D-92	200	220	230
Density at 15 ° c (kg/m3)	D-	865	870	875
Color (max)	D-1500	3	3	3

Packaging:

- Flexi Bag
- Drum (208 lit) *

Drums could be New steel drum or used drum and there is facility for palletizing drums base on customer instruction.

★ We recommend our customer to keep safe the cargo in shipping by palletizing drums.



GEAR OIL

Payam Saderat gear oil with American petroleum institute performance level of GL1 using highly refined payam saderat company base oils and premium quality additives.

Payam saderat gear oil GL1 used for many industrial and automotive equipment where OEM recommend the use of mineral oil GL1 and is available in different SAE viscosity grades: 90 ,110, 140, 190 and 250.

Applications

- Excellent corrosion resistance
- Good foaming inhibited
- Excellent oxidation inhibited
- Good wear protection



Typical Characteris

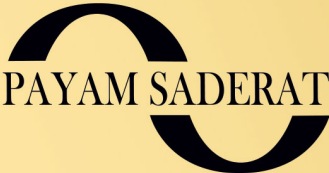
SAE	90	110	140	190	250	ASTM
Viscosity at 100 ° c (cSt)	17	22	29	37	45	D-445
Viscosity Index (VI)	120	140	145	145	145	D-2270
Pour Point (° c) (max)	-9	-9	-6	-6	-6	D-97
Flash Point (° c) (min)	200	210	210	220	220	D-92
Density at 15 °c (kg/m3)	875	875	875	875	875	D-1298

Performance Level:

API GL1

Packaging:

- Drum (208 lit)
- Plastic can (20 lit)
- 1 and 4-liter container



HYDRAULIC OIL HL

Hydraulic Oils HL is a blend of selected base oils which are well refined in Payam Saderat Company and proprietary additives to provide well balanced performance in order to achieve high quality antirust & oxidation lubricant for hydraulic and circulating systems in which anti wear properties are not necessary.

Low pour point, high viscosity index, proper flash point, good antirust properties along with perfect separation from water are other characteristics of Payam Saderat Hydraulic oil HL.

This product is available in ISO viscosity grades 46, 68, and 100.

Applications

- Anti-rust & Oxidation Lube
- For Hydraulic and Circulating system
- Plain and antifriction bearing

Typical Characteris

Specification	VG46	VG68	VG100	ASTM
Kinematic Viscosity 40 ° c (cSt)	46	68	100	D-445
Kinematic Viscosity 100 ° c (cSt)	7	9	12	D-445
Viscosity Index (VI)	115	115	120	D-2270
Pour Point (° c) (max)	-15	-12	-12	D-97
Flash Point (° c) (min)	200	210	210	D-92
Density at 15 ° c (kg/m3)	870	875	875	D-1298

Performance Level:

DIN 51524 part1

Packaging:

- Drum (208 lit)
- Plastic can (20 lit)



Hydraulic oil HH

Hydraulic Oils HH is a blend of selected base oils which are well refined in Payam Saderat Company intended for use in general hydraulic systems in industrial and light-duty vehicles and circulating systems, where low pour point is required. This oil passes the performance requirements of ISIRI 6423 and is available in ISO viscosity grades 46, 68, and 100.

Low pour point, high viscosity index, proper flash point, along with perfect separation from water are other characteristics of Payam Saderat Hydraulic oil HH.



Applications

Non-inhibited refined mineral oils
General hydraulic and circulating systems

Typical Characteris

Specification	VG46	VG68	VG100	ASTM
Kinematic Viscosity 40 ° c (cSt)	46	68	100	D-445
Kinematic Viscosity 100 ° c (cSt)	7	9	12	D-445
Viscosity Index (VI)	115	115	120	D-2270
Pour Point (° c) (max)	-6	-6	-6	D-97
Flash Point (° c) (min)	200	210	210	D-92
Density at 15 ° c (kg/m3)	870	875	875	D-1298

Packaging:

- Drum (208 lit)
- Plastic can (20 lit)



DIESEL ENGINE OIL

API CD

Payam Saderat engine oil with American petroleum institute performance level of CD using highlyrefined payam saderat company base oils and premium quality additives.

This product specially designed for severe conditions occurring in commercial road transportation and engineered for optimized performance in diesel powered equipment under hot weather conditions where API CD performance level is required. (The higher SAE grades 40 and 50 are suitable for areas where the engines operate under high temperature circumstances while SAE grade 30 is recommended in relatively cold climates)

Payam Saderat diesel engine oil CD is available in different SAE viscosity grades: 30 ,40, 50, 15W40 and 20W-50.



Applications

- Commercial road transportation
- Agricultural equipment
- Diesel generator
- Stationary diesel engine

Typical Characteristics:

SAE	30	40	50	15w40	20w50	ASTM
Viscosity at 100 ° c (cSt)	11	14	20	14	20	D-445
Viscosity Index (VI)	120	130	140	140	140	D-2270
Pour Point (° c) (max)	-18	-9	-9	-24	-24	D-97
Flash Point (° c) (min)	200	220	220	210	220	D-92
Density at 15 ° c (kg/m3)	875	875	875	870	870	D-1298
TBN (mgKOH/g) (min)	5.5	5.5	5.5	5.5	5.5	D-2896

Performance Level:

API CD & MIL-L2104D

Packaging:

- Drum (208 lit)
- Plastic can (20 lit)



DIESEL ENGINE OIL

API SC/CC

Payam Saderat engine oil with American petroleum institute performance level of SC/CC using highly refined payam saderat company base oils and premium quality additives. This product is suitable for moderate gasoline commercial fleets, heavy duty and diesel services requiring engine oils of API SC/CC quality level. (The higher SAE grades 40 and 50 are suitable for areas where the engines operate under high temperature circumstances while SAE grade 30 is recommended in relatively cold climates.)

Payam Saderat engine oil SC/CC is available in different SAE viscosity grades: 30, 40, 50 and 20W-50



Applications

- Moderate Gasoline commercial fleets
- Light-duty Diesel engines

Typical Characteristics:

SAE	30	40	50	20w50	ASTM
Viscosity at 100 ° c (cSt)	11	14	20	20	D-445
Viscosity Index (VI)	120	130	140	140	D-2270
Pour Point (° c) (max)	-18	-9	-9	-24	D-97
Flash Point (° c) (min)	200	220	220	220	D-92
Density at 15 ° c (kg/m3)	875	875	875	870	D-1298
TBN (mgKOH/g) (min)	5.5	5.5	5.5	5.5	D-2896

Performance Level:

API SC/CC & MIL-L2104B

Packaging:

- Drum (208 lit)
- Plastic can (20 lit)
- 1 and 4-liter container



GASOLINE ENGINE OIL

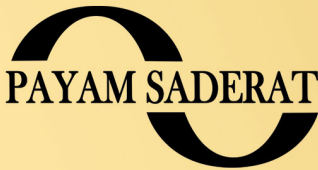
SL/CF4

Payam Saderat engine oil with American petroleum institute performance level of SL/CF4 using highly refined payam saderat company base oils and premium quality additives. This product has Excellent oxidation and thermal stability, easy cold starting, excellent protection against corrosion, wear and rust are among top performance characteristics of this product.

This engine oil product of Payam Saderat meets the requirements of API SL/CF is offers superior oxidation stability and the unique chemistry of the additive package helps ensure that the oil stays in grade in all seasons and under all types of loads.

Applications

- Super High quality for passenger car
- Most popular for OEMs passenger cars
- Gasoline powered passenger cars.



Typical Characteristics:

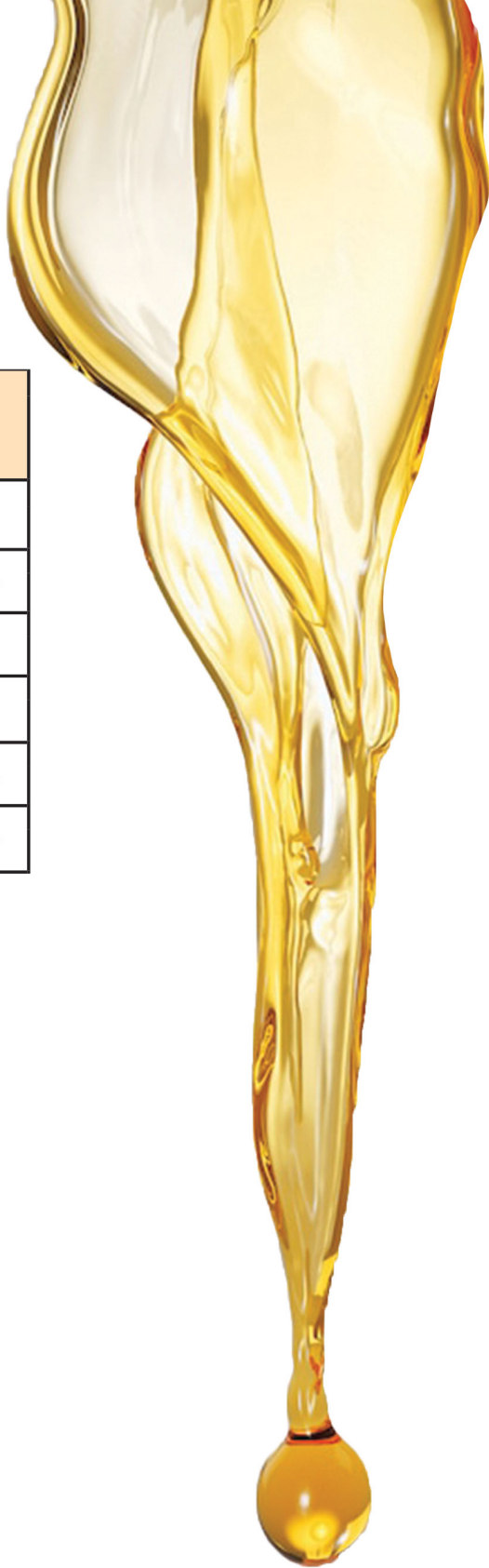
SAE	15w40	20w50	ASTM
Viscosity at 100 ° c (cSt)	14	20	D-445
Viscosity Index (VI)	140	140	D-2270
Pour Point (° c) (max)	-24	-24	D-97
Flash Point (° c) (min)	210	220	D-92
Density at 15 ° c (kg/m3)	870	870	D-1298
TBN (mgKOH/g) (min)	8.5	8.5	D-2896

Performance Level:

API SL/CF4

Packaging:

- Drum (208 lit)
- 1 and 4-liter container



GASOLINE ENGINE OIL SJ/CD

Payam Saderat engine oil with American petroleum institute performance level of SJ/CD using highly refined payam saderat company base oils and premium quality additives.

This product is suitable for gasoline and light diesel engines with the technology designed prior to 2001 and Payam Saderat engine oil SJ/CD is offers superior viscosity retention along with stable lubrication film formation between engine parts, protecting them against friction wear and rust.



Applications

- High quality multi grade crankcase lube.
- Most common passenger cars

Typical Characteristics:

SAE	15w40	20w50	ASTM
Viscosity at 100 ° c (cSt)	14	20	D-445
Viscosity Index (VI)	140	140	D-2270
Pour Point (° c) (max)	-24	-24	D-97
Flash Point (° c) (min)	210	220	D-92
Density at 15 ° c (kg/m3)	870	870	D-1298
TBN (mgKOH/g) (min)	6.5	6.5	D-2896



Performance Level:

API SJ/CD

Packaging:

- Drum (208 lit)
- 1 and 4-liter container

GASOLINE ENGINE OIL SG/CF4

Payam Saderat engine oil with American petroleum institute performance level of SG/CF4 using highly refined payam saderat company base oils and premium quality additives. This product is suitable for gasoline and light diesel engines with the technology of 90s and ensures full compliance with the requirements of API SG/CF4 and meets or exceeds the requirements of most car manufactures and imparts excellent engine performance in severe conditions which imparts anti oxidation, anticorrosion, detergency and anti-wear.

Payam Saderat engine oil SG/CF4 is available in different SAE viscosity grades 15W40 and 20W-50.

Applications

- Gasoline engines with 90s technology.
- Bi-fuel engines
- LPG and diesel engines



Typical Characteristics:

SAE	15w40	20w50	ASTM
Viscosity at 100 ° c (cSt)	14	20	D-445
Viscosity Index (VI)	140	140	D-2270
Pour Point (° c) (max)	-24	-24	D-97
Flash Point (° c) (min)	210	220	D-92
Density at 15 ° c (kg/m3)	870	870	D-1298
TBN (mgKOH/g) (min)	8.5	8.5	D-2896

Performance Level:

API SG/CF4

Packaging:

- Drum (208 lit)
- 1 and 4-liter container



GASOLINE ENGINE OIL SE/CC

Payam Saderat engine oil with American petroleum institute performance level of SE/CC using highly refined payam saderat company base oils and premium quality additives. This product is suitable for gasoline and light diesel engines with the technology of 70s and ensures full compliance with the requirements of API SE/CC. Payam Saderat engine oil SE/CC is available in different SAE viscosity grades: 30 ,40, 50, 15W40 and 20W-50

Applications

- Four-Stroke Motorcycle
- Gasoline engines with 70s technology
- Stationary light diesel

Typical Characteristics:

SAE	30	40	50	15w40	20w50	ASTM
Viscosity at 100 ° c (cSt)	11	14	20	14	20	D-445
Viscosity Index (VI)	120	130	140	140	140	D-2270
Pour Point (° c) (max)	-18	-9	-9	-24	-24	D-97
Flash Point (° c) (min)	200	220	220	210	220	D-92
Density at 15 ° c (kg/m3)	875	875	875	870	870	D-1298
TBN (mgKOH/g) (min)	5.5	5.5	5.5	5.5	5.5	D-2896

Performance Level:

API SE/CC & MIL-L2104C

Packaging:

- Drum (208 lit)
- Plastic can (20 lit)
- 1 and 4-liter container



ENGINE ANTIFREEZE/COOLANT

The main advantage of Payam Saderat Coolant / Antifreeze and anti-corrosion fluid is that it protects water-cooled engines and cooling equipment against corrosion, frost and boiling all year round.

This product is also perfect for use in all water-cooled automotive, truck and industrial internal systems.

Typical Characteristics:

SAE	Test Results	ASTM
Density at 15 °c (kg/m3)	1.120	D-1122
Freezing Point (50%) (° c)	-37	D-1177
Boiling Point (50%) (° c)	110	D-1120
PH (50%)	9	D-1287
Reserve Alkalinity (ml)	4	D-1121

Performance Level:

ISIRI No.338

Packaging:

- Drum (208 lit)
- 1 and 4-liter container

