

AWARD Single Grade Heavy Duty Engine Oil

HEAVY DUTY ENGINE OILS

PRODUCT LINE

AWARD Lubricants Heavy Duty Engine Oils are formulated with hydrocracked base stocks which counteract acids, varnishes and deposits to extend engine life and maintain peak efficiency. They are low ash, oxidation stable, highly dispersant and detergent crankcase oils with superior lubricating and anti-wear properties.

APPLICATIONS

AWARD Lubricants Heavy Duty Engine Oils meet or exceed the current and past API license requirements and are backward compatible with old formulations. They are used in diesel, gasoline, propane or compressed natural gas (CNG) fueled engines where suitable. Single Grade Engine Oils meet the requirements of API-SJ in gasoline fuel requirements where recommended. Hydraulics — HDEO 10W is an excellent hydraulic fluid, whereas SAE 10W engine oil is specified.

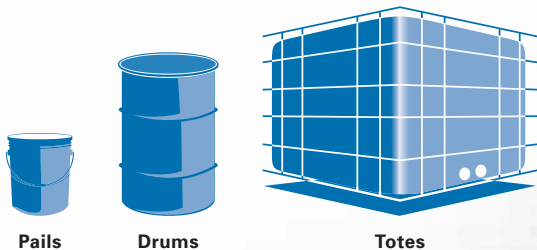
Always consult your owner's manual when selecting the appropriate viscosity grade for your engine.

PERFORMANCE BENEFITS

AWARD LUBRICANTS HEAVY DUTY ENGINE OILS provide outstanding protection against scuffing of highly loaded cams, hydraulic lifters, and other valve train components resulting in reduced engine wear and increased engine efficiency and power.

- Inhibition against oxidation
- Resistance to valve train wear
- Resistance to bearing corrosion
- Prevention of sludge formation caused by low temperatures
- Resistance to cylinder bore and ring wear
- Freedom from turbo charger deposits
- High temperature piston cleanliness

Available In These Sizes



TYPICAL PROPERTIES

SAE GRADE	10	30	40	ASTM TEST METHOD
Viscosity @ -25°C, cP	5000	N/A	N/A	D5293
Viscosity @ 40°C, cSt	39.00	98.40	137.00	D445
Viscosity @ 100°C, cSt	6.60	11.85	14.90	D445
Viscosity Index	125	110	110	D2270
Flash Point, COC, °C (°F)	215 (420)	243 (470)	246 (475)	D92
Pour Point, °C (°F)	-36 (-33)	-29 (-20)	-21 (-6)	D97
Color	2.0	3.0	3.0	D1500
Gravity, °API	30.3	28.6	28	D287
Sulfated Ash, %	0.9	0.9	0.9	D874
Zinc, %	0.09	0.09	0.09	D4951
Total Base Number (TBN)	7.3	7.3	7.3	D2896

PERFORMANCE SUMMARY

SPECIFICATIONS AND APPROVALS	AWARD SINGLE GRADE HDEO
API Service Classification – CF-2, CF	10W, 30W, 40W
Caterpillar - IM-PC	30W, 40W
Detroit Diesel - 6V92TA, 1%, SASH	10W, 30W, 40W
Allison - C-4 Transmission Test Demonstrated	10W, 30W
John Deere - Plus-50	10W, 30W, 40W

Health & Safety

This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

SDS

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.

MSDS can be found at: <https://www.afdpetroleum.com/safety>

**Always consult with original equipment manufacturer's recommendations for specific performance and viscosity requirements.*

**Extending drain intervals should always be undertaken in conjunction with a regular oil analysis program.*

**Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations.*

Product formulations are subject to change without notice.