



UNITED HYDRO 150

Product Description

Hydrotreated Diesel Engine Oil delivering premium-quality performance in both diesel and gasoline engines. It is specifically designed to meet the demands of heavy-duty diesel engines used in on-highway and off-highway vehicles and equipment.

This product is formulated using hydrotreated base stocks and advanced dispersant technology to prevent oil thickening caused by incomplete engine combustion, which leads to soot generation. The dispersant effectively minimizes sludge formation and keeps particles in suspension, thereby extending filter life.

It is recommended for use in over-the-road diesel trucks, heavy-duty construction equipment, oil field engines, farm vehicles, and passenger diesel cars. Additionally, it is ideal for mixed fleet operators seeking a single line of motor oils for all vehicle types.

Applications / Benefits

- * Enhances engine longevity
- * Recommended for both gasoline and diesel engines
- * Reduces piston and combustion chamber deposits
- * Contains anti-corrosion agents

Typical Characteristics

Test Description	Method	Unit				
SAE Viscosity Grade Density @ 15 °C Flash Point Pour Point Kinematic Viscosity @ 40°C Kinematic Viscosity @ 100°C Viscosity Index TBN	SAE J 300 ASTM D 4052 ASTM D 92 ASTM D 97 ASTM D 445 ASTM D 445 ASTM D 2270 ASTM D 2896	- kg/L °C °C cSt cSt - mgKOH/g	10W 0.8658 210 -30 33.81 5.854 116 7.9	30 0.8847 244 -18 106.3 11.83 99 7.9	40 0.8893 246 -15 139.2 14.69 105 7.9	50 0.8931 256 -12 213.9 19.58 104 7.9
	ASTIVI D 2090	myron/y	1.9	1.9	1.9	1.9

ISSUED BY UNITED OIL COMPANY PTE. LTD. TEL: (65) 6861 1157 FAX: (65) 6861 3101

www.united-oil.com

ISSUED BY UNITED OIL COMPANY PTE. LTD. TEL: (65) 6861 1157 FAX: (65) 6861 3101 WWW.UNITED OIL COMPANY PTE. LTD. TEL: (65) 6861 1157 FAX: (65) 6861 3101 Furnishing the information contained herein does not constitute a representation by United that any product or process is free from patent infringement claims of any third party nor does it constitute the granting of a license under any patent of United or any third party. United assumes no liability for any infringement which might arise out of product. The information and suggestions for use and application presented herein represent the best information available to us and believed to be reliable. They should not, however, be construed as controlling suggestions, and users urged to conduct confirmatory test to determine final suitability for their specific end uses. United warranty only that its product meet the specifications which it sets for them and specifically DISCLAIMS ALL OTHER WARRANTS relating to the products and the application thereof. EXPRESS or IMPLIED including but not limited to warrants of MERCHANTABILITY and FITNESS.



Typical Characteristics

Test Description	Method	Unit				
SAE Viscosity Grade	SAE J 300	-	10W40	15W40	15W50	20W40
Density @ 15 °C	ASTM D 4052	kg/L	0.8633	0.8753	0.8755	0.8830
Flash Point	ASTM D 92	°C	218	222	226	240
Pour Point	ASTM D 97	°C	-30	-27	-27	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	95.03	110.3	146.1	121.1
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.5	14.75	18.78	14.46
Viscosity Index	ASTM D 2270	-	158	138	145	120
TBN	ASTM D 2896	mgKOH/g	7.9	7.9	7.9	7.9

Typical Characteristics

Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	20W50
Density @ 15 °C	ASTM D 4052	kg/L	0.8845
Flash Point	ASTM D 92	°C	242
Pour Point	ASTM D 97	°C	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	178.5
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	19.52
Viscosity Index	ASTM D 2270	-	125
TBN	ASTM D 2896	mgKOH/g	7.9

Specifications, Approvals & Recommendations

* API CF/SF

Reference No 4160G2CFSFREV0 Last revised date: 04-01-25

ISSUED BY UNITED OIL COMPANY PTE. LTD. TEL: (65) 6861 1157 FAX: (65) 6861 3101 www.united-oil.com Furnishing the information contained herein does not constitute a representation by United that any product or process is free from patent infringement daims of any third party nor does it constitute the granting of a license under any patent of United or any third party. United assumes no liability for any infringement which might arise out of product. The information and suggestions for use and application presented herein represent the best information available to us and believed to be reliable. They should not, however, be construed as controlling suggestions, and users urged to conduct confirmatory test to determine final suitability for their specific end uses. United warranty only that its product meet the specifications which it sets for them and specifically DISCLAIMS ALL OTHER WARRANTS relating to the products and the application thereof. EXPRESS or IMPLIED including but not limited to warrants of MERCHANTABILITY and FITNESS.