

HDX Super

HDX Super is a high performance mono grade diesel and gasoline engine oil formulated with quality base oils,detergent and dispersant additives.

Usage

Monograde carter oil is recommended for some heavy duty machinery ,other heavy-duty diesel engines, diesel engine oil used in older models, it should not be used in two-stroke engines. It is also used for transmission and hydraulic systems of work machines.

Features

High Heat and Oxidation Durability: While this product provides a long oil change interval, extends oil life. It provides easy oil flow in cold climatic conditions.

High Cleaning Feature: Thanks to detergent and dispersant within , cleans engine parts.

High Protection Capacity: Thanks to with corrosion additives within prevents corrosion by forming a film on the metal surface.

High Corrosion and Foaming Durability: Thanks to its corrosion inhibitor within, the engine is protected against rust and corrosion and foam formation is prevented by the foam cutting additive, so the engine is protected against wear.

Performance of Sediment Formation Prevention: It prevents thickening of oil while controlling the formation of sediments at high temperatures.

Technical Specifications

SAE Viscosity Class	-	10W	30	30/TBN 20	40	50	15W40	20W50
*Kinematic Viscosity @100˚C, cSt	ASTM D 445	7	11.0	10,93	14.0	19.0	14,75	18,6
*Viscosity Index	ASTM D 2270	109	105	103	100	98	140	133
*Flash Point, ˚C	ASTM D 92	226	230	230	238	248	238	246
*Pour Point, ˚C	ASTM D 97	-30	-21	-21	-15	-9	-15	-9
*TBN, mgKOH/gr	ASTM D 2896	11,3	11,2	20,3	11,5	11,5	11,3	11,2
Sulfated Ash, max.	ASTM D 874	1,6	1,6	3	1,6	1,6	1,6	1,6

**Data given above are typical properties and may vary slightly.*

Performance

	10 W	30	30/TBN20	40	50	15W 40	20W 50
API CF-4/CF/SG	x	x	x	x	x	x	x
CAT TO-2	x	x	x	x	x	x	x
ALLISON C-3	x	x	x	x	x	x	x
KOMATSU	x	x	x	x	x	x	x
MIL-L-2104D	x	x	x	x	x	-	x
MIL-L-2104E	-	-	-	-	-	x	-

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